

Edamam Unveils MCP for use by AI Agents and LLM Integrations

The Model Context Protocol allows for building intuitive interfaces for food logging, nutrition data retrieval, and food search.

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EINPresswire.com/ -- [Edamam](#), a leader in nutrition data solutions for business in the health, wellness, and food sectors, announced today the launch of a Model Context Protocol ("[MCP](#)") for its [Food Database](#) API. The MCP allows developers and companies to build intuitive interfaces integrating Large Language Models (LLMs) applications and AI Agents to leverage Edamam's vast and accurate food data.

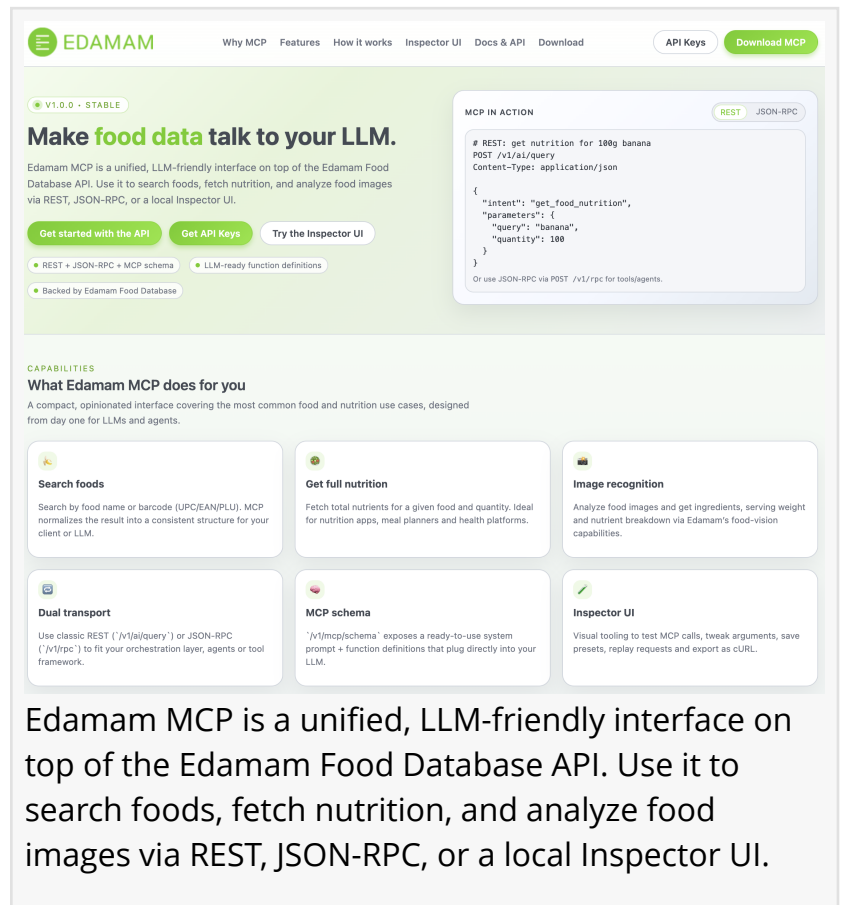
"We are making it easy to build AI powered nutrition data tools. With MCP, building a nutrition app is fast and minimizes the need for developer resources," explained Victor Penev, the Edamam's Founder and CEO.

“

Edamam is building the tools for the AI era, allowing agents and LLMs to easily use its data.”

Victor Penev

Software developers can get API keys from Edamam and plug the Food Database directly into their AI project. They can quickly create advanced features, such as a conversational food-logging chatbot or an intelligent barcode scanner that instantly interprets ingredients and health labels, allowing them to focus on the application's design and user experience rather than complex, low-level integration tasks.



The screenshot shows the Edamam MCP website. At the top, there's a navigation bar with links: Why MCP, Features, How it works, Inspector UI, Docs & API, Download, API Keys, and Download MCP. Below the navigation bar, the main heading is "Make food data talk to your LLM." followed by a subtext: "Edamam MCP is a unified, LLM-friendly interface on top of the Edamam Food Database API. Use it to search foods, fetch nutrition, and analyze food images via REST, JSON-RPC, or a local Inspector UI." There are three buttons: "Get started with the API", "Get API Keys", and "Try the Inspector UI". Below these are two bullet points: "REST + JSON-RPC + MCP schema" and "LLM-ready function definitions". To the right, there's a section titled "MCP IN ACTION" showing a REST API call example: "POST /v1/ai/query" with a JSON body: {"intent": "get_food_nutrition", "parameters": {"query": "banana", "quantity": 100}}. Below this, there's a section titled "CAPABILITIES" with the heading "What Edamam MCP does for you" and a subtext: "A compact, opinionated interface covering the most common food and nutrition use cases, designed from day one for LLMs and agents." There are six cards: "Search foods" (Search by food name or barcode (UPC/EAN/PLU). MCP normalizes the result into a consistent structure for your client or LLM.), "Get full nutrition" (Fetch total nutrients for a given food and quantity. Ideal for nutrition apps, meal planners and health platforms.), "Image recognition" (Analyze food images and get ingredients, serving weight and nutrient breakdown via Edamam's food-vision capabilities.), "Dual transport" (Use classic REST ('/v1/ai/query') or JSON-RPC ('/v1/rpc') to fit your orchestration layer, agents or tool framework.), "MCP schema" ('/v1/mcp/schema' exposes a ready-to-use system prompt + function definitions that plug directly into your LLM.), and "Inspector UI" (Visual tooling to test MCP calls, tweak arguments, save presets, replay requests and export as cURL).

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added Victor Penev.

The Edamam’s API is powered by a database containing nutrition facts for 1,000,000 foods and UPC codes. Usually integrating a new AI chatbot or an LLM with the API necessitates writing complex code. With the MCP, translating the user's natural language input ("What's the nutrition in one apple?") into the precise data structure required by the API is fast and easy.

Beyond the Food Database API, Edamam will build soon MCP layer for its other APIs: Recipe Search, Meal Planning, and Nutrition Analysis. Once all APIs have MCP, the company’s clients will be able to build highly personalized natural language solutions for a wide range of diet management needs, from food logging, to meal planning, and personalized meal recommendations.

To learn more about the Edamam MCP, visit <https://developer.edamam.com/mcp-edamam-food> or <https://github.com/edamam-llc/mcp-edamam-food>.

About Edamam

Edamam organizes the world’s food knowledge and provides nutrition data services and value-added solutions to health, wellness, and food businesses. Using a proprietary semantic technology platform, it delivers real-time nutrition analysis and diet recommendations via APIs. Edamam’s technology helps customers answer their clients’ perennial question: “What should I eat?”

Edamam’s partners and clients include Nestle, Amazon, Microsoft, The Food Network, The New York Times, Hearst, and Barilla. For more information, please visit www.edamam.com or developer.edamam.com.

Victor Penev
Edamam
+1 6463788317
[email us here](#)

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Food and Grocery Database API

With Natural Language Processing (NLP)

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30 days Trial period

✓ Vision API - Free

Enterprise Core

\$69 per month

Requires Credit Card

Subscribe now

NO Trial period

✓ Vision API - \$0.015 per call

Enterprise Plus

\$299 per month

Requires Credit Card

Subscribe now

NO Trial period

✓ Vision API - Free 10,000 Vision calls. Overage is at \$0.01 per call and requires approval by Edamam

Enterprise Unlimited

Custom

Requires Credit Card

Contact Us

NO Trial period

✓ Vision API - plans start at \$0.01 per call

Comparison table

	Enterprise Basic	Enterprise Core	Enterprise Plus	Enterprise Unlimited
Included API calls	100,000 calls/month	750,000 calls/month	5,000,000 calls/month	unlimited**
Throttling				
Food and Nutrition requests	50 per minute	100 per minute	300 per minute**	unlimited**
UPC requests	50 per minute	100 per minute	300 per minute**	unlimited**

Edamam provides access to a food and grocery database with close to 900,000 basic foods, restaurant items and consumer packaged foods.

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