

Recombinant Human FAAH2 293 Cell Lysate

Cat. No. FAAH2-6480HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for fatty acid amide hydrolase 2 (FAAH2) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.

Components

This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).

Size 0.1 mg

Storage Instruction

Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name FAAH2 fatty acid amide hydrolase 2 [Homo sapiens]

Official Symbol FAAH2

Synonyms FAAH2; fatty acid amide hydrolase 2; AMDD, amidase domain containing; fatty-acid amide hydrolase 2; FAAH 2; FLJ31204; RP11 479E16.1; oleamide hydrolase 2; amidase domain containing; anandamide amidohydrolase 2; amidase domain-containing protein; AMDD;

Gene ID 158584

mRNA Refseq NM_174912

Protein Refseq NP_777572

MIM 300654

UniProt ID Q6GMR7

Chromosome Location Xp11.1

Pathway anandamide degradation, organism-specific biosystem;

Function carbon-nitrogen ligase activity, with glutamine as amido-N-donor; hydrolase activity;

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