

Recombinant Full Length Human FAAH2 Protein, GST-tagged

Cat. No. FAAH2-4419HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FAAH2 full-length ORF (NP_777572.1, 1 a.a. - 532 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	532 amino acids
Description	This gene encodes a fatty acid amide hydrolase that shares a conserved protein motif with the amidase signature family of enzymes. The encoded enzyme is able to catalyze the hydrolysis of a broad range of bioactive lipids, including those from the three main classes of fatty acid amides; N-acylethanolamines, fatty acid primary amides and N-acyl amino acids. This enzyme has a preference for monounsaturated acyl chains as a substrate. Alternate splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2017]
Molecular Mass	84.7 kDa
AA Sequence	MAPSFTARIQLFLLRALGFLIGLVGRAALVLGGPKFASKTPRPVTEPLLLLSGMQLAK LIRQRKVKCIDVVQAYINRIKDVNPMINGIVKYRFEEAMKEAHAVDQKLAEKQEDEAT LENKWPFLGVPLTVKEAFQLQGMPNSSGLMNRDAIAKTDATVVALLKGAGAIPLGI TNCSELCMWYESSNKIYGRSNNPYDLQHIVGGSSGGEGCTLAAACSVIGVGS DIGG SIRMPAFFNGIFGHKPSGPVVPNKGQFPLAVGAQELFLCTGPMCRYAEDLAPMLKV MAGPGIKRLKLDTKVHLKDLKFYWMEHDGGSFLMSKV DQDLIMTQKKVVVHLETILG

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ASVQHVKLKKMKYSFQLWIAMMSAKGHDGKEPVKFVDLLGDHGHVSPWLWELIKW
CLGLSVYTIPSIGLALLEEKLRYSNEKYQKFKAVEESLRKELVDMLGDDGVFLYPSHP
TVAPKHHVPLTRPFNFAYTGVFSALGLPVTQCPLGLNAKGLPLGIQVVAGPFNDHLT
LAVAQYLEKTFGGWVCPGKF

Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

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Protein Refseq	NP_777572
MIM	300654
UniProt ID	Q6GMR7

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