

Recombinant Human FAAH2 Protein, GST-tagged

Cat. No. FAAH2-3628H **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	Wheat Germ
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 LENKWPFLGVPLTVKEAFQLQGMPNSSGLMNRDAIAKTDATVALLKGAGAIPLGI TNCSELCMWYESSNKIYGRSNNPYDLQHIVGGSSGGEGCTLAAACSVIGVGS DIGG SIRMPAFFNGIFGHKPSPGVVPNKGQFPLAVGAQELFLCTGPMCRYAEDLAPMLKV MAGPGIKRLKLDTKVHLKDLKFYWMEHDGGSFLMSKVDQDLIMTQKKVVVHLETILG ASVQHVKLKKMKYSFQLWIAMMSAKGHDGKEPVKFVDLLGDHGHVVSPLWELIKW

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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

Protein Refseq

NP_777572

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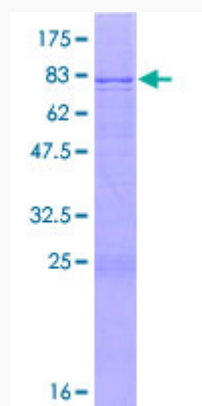
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MIM 300654

UniProt ID Q6GMR7

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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