Recombinant Human FAAH protein, His-tagged

Cat. No. FAAH-19H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FAAH fused with His tag at C-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
Molecular Mass	64.3 kDa
Unit Definition	One unit is defined as the amount of enzyme required to produce 1 pmole of AMC per minute in 50 mM Tris, pH 9.0, containing 1 mM EDTA and 40 μM AMC Arachidonyl Amide (AMCAA) at 25 centigrade.
Storage	Store product at –80 centigrade.

GENE INFORMATION

Gene Name	FAAH fatty acid amide hydrolase [Homo sapiens]
Official Symbol	FAAH
Synonyms	FAAH; fatty acid amide hydrolase; fatty-acid amide hydrolase 1; FAAH 1; oleamide hydrolase 1; anandamide amidohydrolase 1; FAAH-1; MGC102823; MGC138146;
Gene ID	2166

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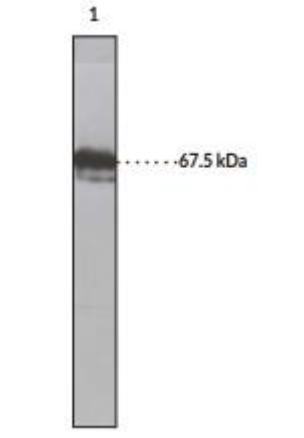
mRNA Refseq	NM_001441
Protein Refseq	NP_001432
UniProt ID	O00519
Chromosome Location	1p35-p34
Pathway	Retrograde endocannabinoid signaling, organism-specific biosystem; Retrograde endocannabinoid signaling, conserved biosystem; anandamide degradation, organism-specific biosystem; anandamide degradation, conserved biosystem;
Function	acylglycerol lipase activity; amidase activity; carbon-nitrogen ligase activity, with glutamine as amido-N-donor; fatty acid amide hydrolase activity; hydrolase activity, acting on ester bonds; phospholipid binding; protein homodimerization activity;
	

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