

## Recombinant Human FAAH protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human FAAH fused with His tag at C-terminal was expressed in Insect cells.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>Molecular Mass</b>	64.3 kDa
<b>Unit Definition</b>	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 $\mu$ M AMC Arachidonyl Amide (AMCAA) at 25 centigrade.
<b>Storage</b>	Store product at $-80$ centigrade.

### GENE INFORMATION

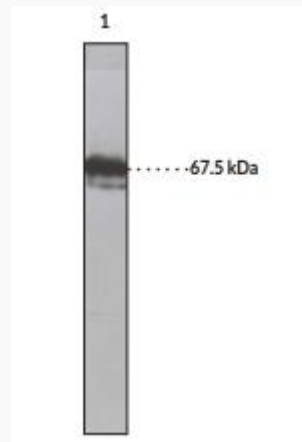
<b>Gene Name</b>	FAAH fatty acid amide hydrolase [ Homo sapiens ]
<b>Official Symbol</b>	FAAH
<b>Synonyms</b>	FAAH; fatty acid amide hydrolase; fatty-acid amide hydrolase 1; FAAH 1; oleamide hydrolase 1; anandamide amidohydrolase 1; FAAH-1; MGC102823; MGC138146;
<b>Gene ID</b>	2166

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<b>mRNA Refseq</b>	NM_001441
<b>Protein Refseq</b>	NP_001432
<b>UniProt ID</b>	O00519
<b>Chromosome Location</b>	1p35-p34
<b>Pathway</b>	Retrograde endocannabinoid signaling, organism-specific biosystem; Retrograde endocannabinoid signaling, conserved biosystem; anandamide degradation, organism-specific biosystem; anandamide degradation, conserved biosystem;
<b>Function</b>	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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