

Recombinant Human FAAH, GST-tagged

Cat. No. FAAH-12629H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FAAH protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	236-579a.a.
Description	This gene encodes a protein that is responsible for the hydrolysis of a number of primary and secondary fatty acid amides, including the neuromodulatory compounds anandamide and oleamide.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	FAAH fatty acid amide hydrolase [Homo sapiens]
Official Symbol	FAAH

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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
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;