

Recombinant Human FAAH, GST-tagged

Cat. No. FAAH-26642TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FAAH(480 a.a. - 579 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	Wheat Germ
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.
Molecular Mass	36.74 kDa
AA Sequence	DLNAPGRATGAVSYTMLYNCLDFPAGVVPVTTVTAEDEAQMELYRGYFGDIWDKM LQKGMKKSIVGLPVAVQCVAL PWQEELCLRFMREVERLMTPEKQSS
Applications	ELISA; WB-Re; AP; Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80oC. 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

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Gene Name	FAAH fatty acid amide hydrolase [Homo sapiens (human)]
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
mRNA Refseq	NM_001441
Protein Refseq	NP_001432
MIM	602935
UniProt ID	O00519
Chromosome Location	1p35-p34
Pathway	Retrograde endocannabinoid signaling; anandamide degradation
Function	acylglycerol lipase activity; carbon-nitrogen ligase activity, with glutamine as amido-N-donor; fatty acid amide hydrolase activity

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