

Recombinant Mouse Faah Protein, His&GST-tagged

Cat. No. Faah-1455M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Faah Protein (Asp57-Thr167) with N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Asp57-Thr167
Description	Enables acylglycerol lipase activity. Predicted to be involved in fatty acid catabolic process; monoacylglycerol catabolic process; and positive regulation of vasoconstriction. Predicted to act upstream of or within lipid catabolic process. Predicted to be located in organelle membrane. Is expressed in several structures, including alimentary system; brain; ganglia; olfactory epithelium; and renal calyx. Human ortholog(s) of this gene implicated in obesity and substance-related disorder. Orthologous to human FAAH (fatty acid amide hydrolase).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 42.8 kDa Accurate Molecular Mass: 46 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

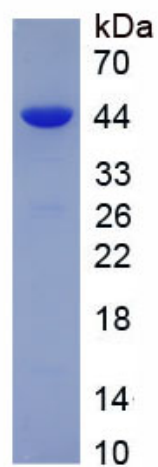
GENE INFORMATION

Gene Name	Faah fatty acid amide hydrolase [Mus musculus (house mouse)]
Official Symbol	Faah
Synonyms	FAAH; fatty acid amide hydrolase; fatty-acid amide hydrolase 1; amide hydrolase; oleamide hydrolase 1; anandamide amidohydrolase 1; fatty acid amide hydrolase protein; AW412498;
Gene ID	14073
mRNA Refseq	NM_010173
Protein Refseq	NP_034303
UniProt ID	Q5MPP0

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