

Recombinant Rat Faah Protein, His&GST-tagged

Cat. No. Faah-1456R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Faah Protein (Asp57-Thr167) with N-His&GST tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Asp57-Thr167
Description	Enables acylglycerol lipase activity; hydrolase activity, acting on carbon-nitrogen (but not peptide) bonds, in linear amides; and identical protein binding activity. Involved in fatty acid catabolic process and monoacylglycerol catabolic process. Located in organelle membrane.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 42.7 kDa Accurate Molecular Mass: 46 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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

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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

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION**Gene Name**

Faah fatty acid amide hydrolase [*Rattus norvegicus* (Norway rat)]

Official Symbol

Faah

Synonyms

FAAH; fatty acid amide hydrolase; fatty-acid amide hydrolase 1; oleamide hydrolase 1; anandamide amidohydrolase 1;

Gene ID

29347

mRNA Refseq

NM_024132

Protein Refseq

NP_077046

UniProt ID

Q2LAM0

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