

Recombinant Mouse Hagh Protein, His-tagged

Cat. No. Hagh-1614M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Hagh Protein (Met1-Asp309) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Asp309
Description	Enables hydroxyacylglutathione hydrolase activity. Predicted to be involved in carbohydrate metabolic process and glutathione biosynthetic process. Predicted to act upstream of or within methylglyoxal catabolic process to D-lactate via S-lactoyl-glutathione. Located in mitochondrion. Is expressed in several structures, including alimentary system; brain; genitourinary system; respiratory system; and sensory organ. Orthologous to human HAGH (hydroxyacylglutathione hydrolase).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 37.8 kDa Accurate Molecular Mass: 41 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	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.
GENE INFORMATION	
Gene Name	Hagh hydroxyacyl glutathione hydrolase [Mus musculus (house mouse)]
Official Symbol	Hagh
Synonyms	HAGH; hydroxyacyl glutathione hydrolase; hydroxyacylglutathione hydrolase, mitochondrial; glx II; glyoxylase 2; glyoxalase II; round spermatid protein RSP29; Glo2; Glo-2; Rsp29; BC019817;
Gene ID	14651
mRNA Refseq	NM_001159626
Protein Refseq	NP_001153098
UniProt ID	Q99KB8

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