

## Recombinant Mouse Hagh Protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Hagh Protein (Met1-Asp309) with N-His tag was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Asp309
<b>Description</b>	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).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 37.8 kDa Accurate Molecular Mass: 41 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Stability</b>	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.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in PBS or others.

## GENE INFORMATION

<b>Gene Name</b>	Hagh hydroxyacyl glutathione hydrolase [ <i>Mus musculus</i> (house mouse) ]
<b>Official Symbol</b>	Hagh
<b>Synonyms</b>	HAGH; hydroxyacyl glutathione hydrolase; hydroxyacylglutathione hydrolase, mitochondrial; glx II; glyoxylase 2; glyoxalase II; round spermatid protein RSP29; Glo2; Glo-2; Rsp29; BC019817;
<b>Gene ID</b>	14651
<b>mRNA Refseq</b>	NM_001159626
<b>Protein Refseq</b>	NP_001153098
<b>UniProt ID</b>	Q99KB8

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