

Recombinant Human HAGH Protein, His-tagged

Cat. No. HAGH-2227H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human HAGH Protein (Met1-Asp308) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Asp308
Description	The enzyme encoded by this gene is classified as a thiolesterase and is responsible for the hydrolysis of S-lactoyl-glutathione to reduced glutathione and D-lactate. Three transcript variants encoding different isoforms have been found for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 37.5 kDa Accurate Molecular Mass: 41 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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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 hydroxyacylglutathione hydrolase [Homo sapiens (human)]

Official Symbol

HAGH

Synonyms

HAGH; hydroxyacylglutathione hydrolase; hydroxyacyl glutathione hydrolase; hydroxyacylglutathione hydrolase, mitochondrial; GLO2; GLXII; HAGH1; glx II; glyoxalase II; hydroxyacylglutathione hydroxylase; GLX2;

Gene ID

3029

mRNA Refseq

NM_001040427

Protein Refseq

NP_001035517

MIM

138760

UniProt ID

Q16775

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