

Recombinant Human HAGH protein, T7-tagged

Cat. No. HAGH-163H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human HAGH (14-308 aa) fused with T7 Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	14-308 a.a.
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
AA Sequence	MASMTGGQQMGRGEFAALGAACARRGLGPALLGVFCHTDLRKNLTVDEGTMKVE VLPALTDNYMYLVIDDETKEA AIVDPVQPQKVVDAAARKHGVKLTTVLTHHHWDHA GGNEKLVKLESLGVYGGDDRIGALTHKITHLSTLQVGSL NVKCLATPCHTSGHICY FVSKPGGSEPPAVFTGDTL FVAGCGKFYEGTADCKALLEVLGRLPPDTRVYCGH EY TINNLKFARHVEPGNAAIKREKLAWAKEKYSIGEPTVPSTLAEEFTYNPFMRVREK TVQQHAGETDPVTTMRAVRR EKDQFKMPRD
Purity	>90% by SDS-PAGE
Applications	1. May be used for in vitro cellular detoxifying enzyme activity assay development study. 2. May be used for in vitro protein – protein interaction measurement for mapping HAGH binder. 3. May be used as antigen for specific antibody production.

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Storage

Keep at -80 centigrade for long term storage. Product is stable at 4 centigrade for at least 7 days.

GENE INFORMATION
Gene Name

HAGH hydroxyacylglutathione hydrolase [Homo sapiens]

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

**Chromosome
Location**

16p13.3

Pathway

Pyruvate metabolism, organism-specific biosystem; Pyruvate metabolism, conserved biosystem;

Function

hydrolase activity; hydroxyacylglutathione hydrolase activity; metal ion binding; zinc ion binding;

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