

Recombinant Human HAGH Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HAGH-6076H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HAGH MS Standard C13 and N15-labeled recombinant protein (NP_005317) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	33.8 kDa
AA Sequence	MVVGRGLLGRRSLAALGAACARRGLGPALLGVFCHTDLRKNLTVDEGTMKVEVLPA LTDNYMYLVIDDETKAAIVDPVQPQKVVDAAARKHGVKLTTVLTTTHHHWDHAGGNE KLVKLESGLKVYGGDDRIGALTHKITHLSTLQVGS�NVKCLATPCHTSGHICYFVSKP GGSEPPAVFTGDTLFFVAGCGKFYEGTADDEMCKALLEVLGRLPPDTRVYCGHEYTIN NLKFARHVEPGNAAIREKLAWAKEKYSIGEPTVPSTLAEFTYNPFMRVREKTVQQH AGETDPVTTMRAVRREKDQFKMPRDTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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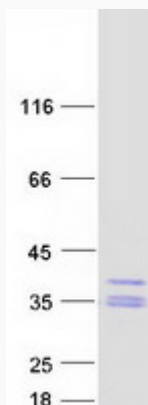
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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	HAGH hydroxyacylglutathione hydrolase [Homo sapiens (human)]
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_005326
Protein Refseq	NP_005317
MIM	138760
UniProt ID	Q16775

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SDS-PAGE

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