

# Recombinant Human Hydroxyacylglutathione Hydrolase, T7-tagged

Cat. No. HAGH-828H Lot. No. (See product label)

## SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Human HAGH was produced in E.coli with a T7 tag at N-terminus. MW = 28860 Da (1-260 aa).   |
| <b>Species</b>          | Human  |
| <b>Source</b>           | E.coli   |
| <b>ProteinLength</b>    | 1-260 a.a.   |
| <b>Description</b>      | Hydroxyacylglutathione hydrolase, mitochondrial is an enzyme that in humans is encoded by the HAGH gene. 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. |
| <b>Form</b>             | 10 mM Tris. pH 8.0. 0.1% Triton X-100. 0.002% NaN <sub>3</sub> .   |
| <b>Purity</b>           | 95%.   |
| <b>Clonality</b>        | N/A.   |
| <b>Applications</b>     | MS. SDS.   |

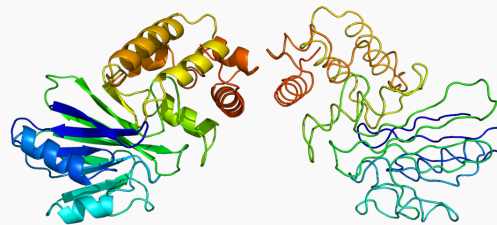
## GENE INFORMATION

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|                            |   |
|----------------------------|---|
| <b>Gene Name</b>           | HAGH hydroxyacylglutathione hydrolase [ Homo sapiens ]  |
| <b>Synonyms</b>            | HAGH; hydroxyacylglutathione hydrolase; GLO2; GLX2; GLXII; HAGH1; hydroxyacylglutathione hydrolase, mitochondrial; glx II; glyoxalase II; hydroxyacylglutathione hydroxylase; EC 3.1.2.6; hydroxyacyl glutathione hydrolase |
| <b>Gene ID</b>             | 3029  |
| <b>mRNA Refseq</b>         | NM_001040427  |
| <b>Protein Refseq</b>      | NP_001035517  |
| <b>MIM</b>                 | 138760  |
| <b>UniProt ID</b>          | Q16775  |
| <b>Chromosome Location</b> | 16p13.3   |
| <b>Pathway</b>             | Pyruvate metabolism   |
| <b>Function</b>            | hydrolase activity; hydroxyacylglutathione hydrolase activity; metal ion binding; zinc ion binding  |



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