



Recombinant Human Hydroxyacylglutathione hydrolase, mitochondrial (HAGH)

Product Code	CSB-EP624118HU
Abbreviation	HAGH
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q16775
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	AALGAAC ARRGLGPALL GVFCHTDLRK NLTVDEGTMK VEVLPALTDN YMYLVIDDET KEAAIVDPVQ PQKVVDAARK HGVKLTTVLT THHHWDHAGG NEKLVKLESG LKVYGGDDRI GALTHKITHL STLQVGSLSNV KCLATPCHTS GHICYFVSKP GGSEPPAVFT GDTLFVAGCG KFYEGTADDEM CKALLEVLGR LPPDTRVYCG HEYTINNLKF ARHVEPGNAA IREKLAWAKE KYSIGEPTVP STLAEFTYN PFMRVREKTV QQHAGETDPV TTMRAVRREK DQFKMPRD
Source	E.coli
Target Names	HAGH
Protein Names	Recommended name: Hydroxyacylglutathione hydrolase, mitochondrial EC= 3.1.2.6 Alternative name(s): Glyoxalase II Short name= Glx II
Expression Region	14-308
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.