

Product datasheet for TP301109

HAGH (NM_005326) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human hydroxyacylglutathione hydrolase (HAGH), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201109 protein sequence Red=Cloning site Green=Tags(s)

MVVGRGLLGRRSLAALGAACARRGLGPALLGVFCHTDLRKNLTVDEGTMKVEVLPALTDNYMYLVIDDET
KEAAIVDPVQPQKVVDAARKHGKLTTLTTHHHWDHAGGNEKLVKLESGLKVYGGDDRIGALTHKITHL
STLQVGSLSNVKCLATPCHTSGHICYFVSKPGGSEPPAVFTGDTLTVAGCGKIFYEGTADMCKALLEVLGR
LPPDTRVYCGHEYTINNLKFARHVEPGNAAIREKLAWAKEKYSIGEPTVPSTLAEFTYNPFMRVREKTV
QQHAGETDPVTTMRAVRREKDQFKMPRD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

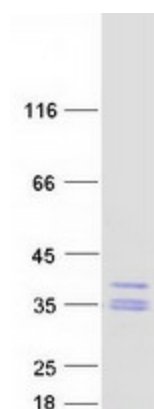
Tag:	C-Myc/DDK
Predicted MW:	30.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_005317
Locus ID:	3029



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UniProt ID:	Q16775
RefSeq Size:	1552
Cytogenetics:	16p13.3
RefSeq ORF:	924
Synonyms:	GLO2; GLX2; GLXII; HAGH1
Summary:	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. [provided by RefSeq, Oct 2013]
Protein Families:	Druggable Genome
Protein Pathways:	Pyruvate metabolism

Product images:



Coomassie blue staining of purified HAGH protein (Cat# TP301109). The protein was produced from HEK293T cells transfected with HAGH cDNA clone (Cat# [RC201109]) using MegaTran 2.0 (Cat# [TT210002]).