

## Product datasheet for **AR09748PU-L**

### Glyoxalase II / HAGH (1-260, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Glyoxalase II / HAGH (1-260, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> <u>MGSHMKVEVL</u> PALTDNYMYL VIDDETKEAA IVDPVQPQKV VDAARKHGK LTTVLTTHH WDHAGGNEKL VKLESGLKVY GGDDRIGALT HKITHLSTLQ VGSLNVKCLA TPCHTSGHIC YFVSKPGGSE PPAVFTGDTL FVAGCGKFYE GTADEMCKAL LEVLGRLLPPD TRVYCGHEYT INNLKFARHV EPGNAAIREK LAWAKEKYSI GEPTVPSTLA EEFTYNPFMR VREKTVQQA GETDPVTTMR AVRREKDQFK MPRD
Tag:	His-tag
Predicted MW:	31.4 kDa
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl Buffer (pH 8.5) containing 10% Glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human HAGH protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001035517</u>
Locus ID:	3029
UniProt ID:	<u>Q16775</u>
Cytogenetics:	16p13.3
Synonyms:	GLO2; GLX2; GLXII; HAGH1



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**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:**

