ANGIO-PROTEOMIE
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DATA SHEET

Hydroxyacylglutathione Hydrolase Human Recombinant

Item Number	rAP-1173
Synonyms	GLX2, Glyoxalase II, GLO2, Hydroxyacyl Glutathione Hydrolase, HAGH1, GLXII, Hydroxyacylglutathione Hydrolase, hydroxyacylglutathione hydroxylase.
Description	HAGH produced in E.Coli is a single, non-glycosylated polypeptide chain containing 284 amino acids (1-260a.a.) and having a molecular mass of 31.4kDa.HAGH is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q16775
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMKVEVL PALTDNYMYL VIDDETKEAA IVDPVQPQKV VDAARKHGVK LTTVLTTHHH WDHAGGNEKL VKLESGLKVY GGDDRIGALT HKITHLSTLQ VGSLNVKCLA TPCHTSGHIC YFVSKPGGSE PPAVFTGDTL FVAGCGKFYE GTADEMCKAL LEVLGRL-PPD TRVYCGHEYT INNLKFARHV EPGNAAIREK LAWAKEKYSI GEPTVPSTLA EEFTYNPFMR VREKTVQQHA GETDPVTTMR AVRREKDQFK MPRD.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please avoid freeze thaw cycles.
Formulation and Purity	The HAGH protein solution (0.5mg/1ml) is formulated in 20mM Tris-HCl Buffer (pH 8.5) and 10% Glycerol. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only