

Recombinant Human GLA protein, His-tagged

Cat. No. GLA-2963H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GLA protein(P06280)(32-429aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	32-429aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	49.4 kDa
AA Sequence	LDNGLARTPTMGWLHWERFMCNLDQCQEEPDCISEKLFMEMAELMVSEGWKDAG YEYLCIDDCWMAPQRDSEGRQLQADPQRFPHGIRQLANYVHSKGLKLGİYADVGNKT CAGFPGSFGYYDIDAQTFADWGVDLLKFDGCGYCDLENLADGYKHMSLALNRTGR SIVYSCEWPLYMWPFQKPNYTEIRQYCNHWRNFADIDDSWKSİKSİLDWTSFNQERI VDVAGPGGWNDPDMVLIGNFGLSWNQQTQMALWAIMAAPLFMSNDLRHİSPQAK ALLQDKDVIINQDPLGKQGYQLRQGDNFEVWERPLSGLAWAVAMINRQEİGGPRS YTIAVASLGKGVACNPACFITQLLPVKRKLGFIYEWTSRLRSHİNPTGTVLLQLENTMQ MSLKDLL

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Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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%.

GENE INFORMATION

Gene Name	GLA galactosidase, alpha [Homo sapiens]
Official Symbol	GLA
Synonyms	GLA; galactosidase, alpha; alpha-galactosidase A; GALA; melibiase; alpha-gal A; agalsidase alfa; alpha-D-galactosidase A; alpha-D-galactoside galactohydrolase 1;
Gene ID	2717
mRNA Refseq	NM_000169
Protein Refseq	NP_000160
MIM	300644
UniProt ID	P06280

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