

## Recombinant Human GLA Protein

Catalog #	Source	Reactivity	Applications
CRP1626	Human cells	Human	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Human GLA Protein is produced by our mammalian expression system and the target gene encoding Leu32-Leu429 is expressed with a 6His tag at the C-terminus.		
<b>Form</b>	Liquid in a 0.2 μM filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.		
<b>Gene Symbol</b>	GLA		
<b>Alternative Names</b>	Alpha-galactosidase A; Alpha-D-galactosidase A; Alpha-D-galactoside galactohydrolase; Melibiase; Agalsidase		
<b>Entrez Gene</b>	2717 (Human)		
<b>SwissProt</b>	P06280 (Human)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	LDNGLARTPT MGWLHWERFM CNLDCQEEP SCISEKLFME MAELMVSEGW KDAGYEYLCI DDCWMAPQRD SEGRQLQADPQ RFPHGIRQLA NYVHSKGLKL GIYADVGNKT CAGFPGSFGY YDIDAQTFAD WGVDLLKFDG CYCDSLENLA DGYKHMSLAL NRTGRSIVYS CEWPLYMWPF QKPNYTEIRQ YCNHWRNFAD IDDSWKSIS ILDWTSFNQE RIVDVAGPGG WNDPDMLVIG NFGLSWNQQV TQMALWAIMA APLFMSNDR HISPQAKALL QDKDVIAINQ DPLGKQGYQL RQGDNFEVWE RPLSGLAWAV AMINRQEIGG PRSYTIAVAS LGKGVACNPA CFITQLLPVK RKLGFYEWTS RLRSHINPTG TVLLQLENTM QMSLKDLLVD HHHHHH		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
<b>Directions for Use</b>	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

**Storage/Stability** Store it at -20°C to -80°C for one year.

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