

Product Data Sheet

Recombinant Human GLA Protein

Catalog #	Source	Reactivity	Applications
CRP1626	Human cells	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human GLA Protein is produced by mammalian expression system and the target gene encoding Leu32-Leu429 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 µM filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.		
Gene Symbol	GLA		
Alternative Names	Alpha-galactosidase A; Alpha-D-galactosidase A; Alpha-D-galactoside galactohydrolase; Melibiase; Agalsidase		
Entrez Gene	2717 (Human)		
SwissProt	P06280 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	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 APLFMSNDLR HISPQAKALL QDKDVIAINQ DPLGKQGYQL RQGDNFEVWE RPLSGLAWAV AMINRQEIGG PRSYTIAVAS LGKGVACNPA CFITQLLPVK RKLGFYEWTS RLRSHINPTG TVLLQLENTM QMSLKDLLVD HHHHHH		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Please aliquot		

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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the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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