

# Human GLA Recombinant Protein



RPPB1935

## Product Information Protein Information

**Product SKU:**

RPPB1935

**Accession:**

P06280

**Host:**

Sf9, Baculovirus cells.

**Protein description:**

GLA produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 406 amino acids (32-429 a.a.) and having a molecular mass of 46.4kDa (Migrates at 40-57kDa on SDS-PAGE under reducing conditions). GLA is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Alpha-galactosidase A, Alpha-D-galactosidase A, Alpha-D-galactoside galactohydrolase, Melibiase, GLA, GALA.

**Formulation:**

GLA protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**Stability:**

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). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

LDNGLARTPT MGWLHWERFM CNLDCQEEPD SCISEKLFME MAELMVSEGW KDAGYEYLCI DDCWMA PQRD  
SEGR LQADPQ RFPHGIRQLA NYVHSKGLKL GIYADVGNKT CAGFPGSFGY YDIDAQTFAD WGVDLLKFDG  
CYCDSLENLA DGYKHMSLAL NRTGRSIVYS CEWPLYMWPF QKPNYTEIRQ YCNHWRNFAD IDDSWKSIS  
ILDWTSFNQE RIVDVAGPGG WNDPDM LVIG NFGLSWNQVQV TQMALWAIMA APLFMSNDLR HISPQAKALL  
QDKDVIINQ DPLGKQGYQL RQGDNFEVWE RPLSGLAWAV AMINRQEIGG PRSYTIAVAS LGKGVACNPA  
CFITQLLPVK RKLGFYEWTS RLRSHINPTG TVLLQLENTM QMSLKDLLVE HHHHHH.