

RefSeq ORF: 2034

Synonyms: EBP; ELNR1; MPS4B

Locus ID: 2720

UniProt ID: [P16278](#)

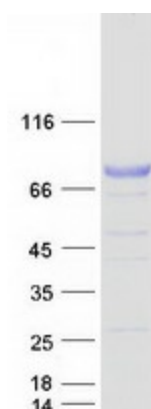
Cytogenetics: 3p22.3

Summary: This gene encodes a member of the glycosyl hydrolase 35 family of proteins. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the mature lysosomal enzyme. This enzyme catalyzes the hydrolysis of a terminal beta-linked galactose residue from ganglioside substrates and other glycoconjugates. Mutations in this gene may result in GM1-gangliosidosis and Morquio B syndrome. [provided by RefSeq, Nov 2015]

Protein Families: Druggable Genome

Protein Pathways: Galactose metabolism, Glycosaminoglycan degradation, Glycosphingolipid biosynthesis - ganglio series, Lysosome, Metabolic pathways, Other glycan degradation, Sphingolipid metabolism

Product images:



Coomassie blue staining of purified GLB1 protein (Cat# [TP300721]). The protein was produced from HEK293T cells transfected with GLB1 cDNA clone (Cat# [RC200721]) using MegaTran 2.0 (Cat# [TT210002]).