

Recombinant Full Length Human GPD1L Protein, GST-tagged

Cat. No. GPD1L-5515HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPD1L full-length ORF (NP_055956.1, 1 a.a. - 351 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	351 amino acids
Description	The protein encoded by this gene catalyzes the conversion of sn-glycerol 3-phosphate to glycerone phosphate. The encoded protein is found in the cytoplasm, associated with the plasma membrane, where it binds the sodium channel, voltage-gated, type V, alpha subunit (SCN5A). Defects in this gene are a cause of Brugada syndrome type 2 (BRS2) as well as sudden infant death syndrome (SIDS). [provided by RefSeq, Jul 2010]
Molecular Mass	64.8 kDa
AA Sequence	MAAAPLKVCIVGSGNWGS AVAKIIGNNVKKLQKFASTVKMWWFEETVNGRKLTDIIN NDHENVKYLP GHKLPENVVAMSNLSEAVQDADLLVFVIPHQFIHRICDEITGRVPKKA LGITLIK GIDEGPEGLKLISDIIREKMGIDISVLMGANIANEVA AEKFCETTIGSKVMENG LLFKELLQTPNFRITVVDDADTVELCGALKNIVAVGAGFCDGLRCGDNTKAAVIRLGL MEMIAFARIFCKGQVSTATFLESCGVADLITTCYGGRNRRVAEAFARTGKTIEELEKE MLNGQKLQGPQTSAEVYRILKQKGLLDKFPLFTAVYQICYESRPVQEMLSCLQSHPE HT

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	GPD1L glycerol-3-phosphate dehydrogenase 1-like [Homo sapiens]
Official Symbol	GPD1L
Synonyms	GPD1L; glycerol-3-phosphate dehydrogenase 1-like; glycerol-3-phosphate dehydrogenase 1-like protein; KIAA0089; GPD1-L;
Gene ID	23171
mRNA Refseq	NM_015141
Protein Refseq	NP_055956
MIM	611778
UniProt ID	Q8N335

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