

Product datasheet for **TP761366**

GPIHBP1 (NM_178172) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human glycosylphosphatidylinositol anchored high density lipoprotein binding protein 1 (GPIHBP1), full length, with N-terminal GST and C-terminal His tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length GPIHBP1
Tag:	N-GST and C-His
Predicted MW:	45.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_835466
Locus ID:	338328
UniProt ID:	Q8IV16
RefSeq Size:	2297
Cytogenetics:	8q24.3
RefSeq ORF:	552
Synonyms:	GPI-HBP1; HYPL1D



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Summary:

This gene encodes a capillary endothelial cell protein that facilitates the lipolytic processing of triglyceride-rich lipoproteins. The encoded protein is a glycosylphosphatidylinositol-anchored protein that is a member of the lymphocyte antigen 6 (Ly6) family. This protein plays a major role in transporting lipoprotein lipase (LPL) from the subendothelial spaces to the capillary lumen. Mutations in this gene are the cause of hyperlipoproteinemia, type 1D. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2014]

Protein Families:

Druggable Genome

Product images: