

# 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:	<u>NP 835466</u>
Locus ID:	338328
UniProt ID:	<u>Q8IV16</u>
RefSeq Size:	2297
Cytogenetics:	8q24.3
RefSeq ORF:	552
Synonyms:	GPI-HBP1; HYPL1D



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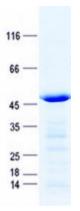
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Summary:This gene encodes a capillary endothelial cell protein that facilitates the lipolytic processing of<br/>triglyceride-rich lipoproteins. The encoded protein is a glycosylphosphatidylinositol-anchored<br/>protein that is a member of the lymphocyte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

Protein Families: Druggable Genome

### **Product images:**



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