

Product datasheet for **SC307137**

GPIHBP1 (NM_178172) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GPIHBP1 (NM_178172) Human Untagged Clone
Tag:	Tag Free
Symbol:	GPIHBP1
Synonyms:	GPI-HBP1; HYPL1D
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_178172 edited CCTTCATCCCACTTACCGCAGCTCCAGAGCCCTGCGGGAGGACTCAGAGTCAGGGACACA GCAGCGTCCGGCGAGATGAAGGCGCTCGGGGCTGCTCTGCTTGCCCTCTTGCTGTGCGGG CGGCCAGGGAGAGGGCAGACACAGCAGGAGGAAGAGGAAGAGGACGAGGACCACGGGCCA GATGACTACGACGAGGAAGATGAGGATGAGGTTGAAGAGGAGGAGACCAACAGGCTCCCT GGTGGCAGGAGCAGAGTCTGCTGCGGTGCTACACCTGCAAGTCCCTGCCAGGGACGAG CGCTGCAACCTGACGCAGAAGTCTCACATGGCCAGACCTGCACAACCCTCATTGCCAC GGGAACACCGAGTCAGGCCTCCTGACCACCACTCCACGTGGTGCACAGACAGCTGCCAG CCCATACCAAGACGGTGGAGGGGACCCAGGTGACCATGACCTGCTGCCAGTCCAGCCTG TGCAATGTCCCACCTGGCAAAGCTCCCGAGTCCAGGACCAACAGGCAAGGGGGCAGGC GGCCCCGGGGCAGCTCCGAAACTGTGGGCGCAGCCCTCTGCTCAACCTCCTTGCCGGC CTTGAGCAATGGGGGCCAGGAGACCCTGACCCACGGCCCTCCCCACCCCAACCCGGCT CACCCCGGCCCTGCCAGCACTCTGTCTGGTACCTTCCCCTCCTGCCCTGCACCAGCTT TGGAGAATGGATTTGGAGTGTCTTGGGCGATCCAGCCAGCGCAGGCCCCCGGCCGGTT GCTTCTCAGTTCGGGCTGTGCTTGGTGTCTTTCTCCACCCTGTGAGCAGCAAG ACTGCCGACGTGGGCGTGGTCCAGACCTCGGCTGCCACGCCCCAGGACCTGCAGCCC TCACGGGGGCTGGGGATCCCCATCAGCACAGCCAGGCAGAGATGATACCCACCACACCC TGGGGCCCCCACACCCAGTCTCACCCCTAACTTCTGCCATGGGAATTC
Restriction Sites:	Please inquire
ACCN:	NM_178172
Insert Size:	1000 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_178172.2.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_178172.2 , NP_835466.1
RefSeq Size:	2281 bp
RefSeq ORF:	555 bp
Locus ID:	338328
UniProt ID:	Q8IV16
Cytogenetics:	8q24.3
Protein Families:	Druggable Genome
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longer transcript (1) and encodes the longer isoform (1).</p>