

Recombinant Human GPIHBP1, His-tagged

Cat. No. GPIHBP1-95H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human Glycosylphosphatidylinositol-Anchored High Density Lipoprotein-Binding Protein 1/GPIHBP1 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Gln21-Ser160) of Human GPIHBP1 fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	21-160 a.a.
Description	Glycosylphosphatidylinositol-Anchored High Density Lipoprotein-Binding Protein 1 (GPIHBP1) is a single-pass membrane protein that contains one UPAR/Ly6 domain. GPIHBP1 is localized to the cell surface. GPIHBP1 is a capillary endothelial cell protein that provides a platform for LPL-mediated processing of chylomicrons. GPIHBP1 plays a key role in the lipolytic processing of chylomicrons.
AA Sequence	QTQQEEEEDEDEDHGPDDYDEEDEDEVEEEEETNRLPGGRSRVLLRCYTCKSLPRDERC NLTQNCSH GQTCTTLIAHGNTESGLLTTHSTWCTDSCQPITKTVEGTQVTMTCC QSSLCNVPPWQSSRVQDPT GKGAGGPRGSVDHHHHHHH
Endotoxin	Less than 0.1 ng/μg (1 IEU/μg).
Purity	Greater than 95% as determined by reducing SDS-PAGE.

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GENE INFORMATION

Gene Name	GPIHBP1 glycosylphosphatidylinositol anchored high density lipoprotein binding protein 1 [Homo sapiens]
Official Symbol	GPIHBP1
Synonyms	GPIHBP1; glycosylphosphatidylinositol anchored high density lipoprotein binding protein 1; GPI anchored high density lipoprotein binding protein 1; glycosylphosphatidylinositol-anchored high density lipoprotein-binding protein 1; GPI HBP1; LOC338328; GPI-anchored HDL-binding protein 1; high density lipoprotein-binding protein 1; GPI-HBP1;
Gene ID	338328
mRNA Refseq	NM_178172
Protein Refseq	NP_835466
MIM	612757
UniProt ID	Q8IV16
Chromosome Location	8q24.3
Function	apolipoprotein binding; chylomicron binding; high-density lipoprotein particle binding; lipase binding; lipid binding; lipoprotein particle binding; protein transmembrane transporter activity;

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