

Recombinant Human GPIHBP1, GST-tagged

Cat. No. GPIHBP1-13425H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPIHBP1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-164a.a.
Description	Heterotrimeric guanine nucleotide-binding proteins (G proteins), which integrate signals between receptors and effector proteins, are composed of an alpha, a beta, and a gamma subunit. These subunits are encoded by families of related genes. This gene encodes a beta subunit. Beta subunits are important regulators of alpha subunits, as well as of certain signal transduction receptors and effectors. This gene contains a trinucleotide (CCG) repeat length polymorphism in its 5 UTR.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	GPIHBP1 glycosylphosphatidylinositol anchored high density lipoprotein binding
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	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;