

Recombinant Full Length Human GPIHBP1 Protein, GST-tagged

Cat. No. GPIHBP1-6942HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human full-length GPIHBP1(1 a.a. - 184 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	184 amino acids
Description	Dietary fats are packaged by intestine into triglyceride-rich lipoproteins called chylomicrons. The triglycerides in chylomicrons are hydrolyzed by lipoprotein lipase (LPL: MIM 609708) along the luminal surface of capillaries, mainly in heart, skeletal muscle, and adipose tissue. GPIHBP1 is a capillary endothelial cell protein that provides a platform for LPL-mediated processing of chylomicrons.
Molecular Mass	46.2 kDa
AA Sequence	MKALGAVLLALLLCGRPGRGQTQQEEEEDEDHGPDDYDEEDEDEVEEEEETNRLP GGRSRVLLRCYTCKSLPRDE RCNLTQNC SHGQTCTTLIAHGNTESGLLTTHSTWCT DSCQPITKTVEGTQVTMTCCQSSLCNVPPWQSSRVQDPT GK GAGGPRGSSETVG AALLLNLLAGLGAMGARRP
Applications	ELISA; WB-Re; AP; Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	GPIHBP1 glycosylphosphatidylinositol anchored high density lipoprotein binding protein 1 [Homo sapiens (human)]
Official Symbol	GPIHBP1
Synonyms	GPIHBP1; GPI-HBP1; glycosylphosphatidylinositol anchored high density lipoprotein binding protein 1; glycosylphosphatidylinositol-anchored high density lipoprotein-binding protein 1; GPI-anchored HDL-binding protein 1; high density lipoprotein-binding protein 1; GPI anchored high density lipoprotein binding protein 1
Gene ID	338328
mRNA Refseq	NM_178172
Protein Refseq	NP_835466
MIM	612757
UniProt ID	Q8IV16

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