

# Recombinant Full Length Human GPIHBP1 Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human full-length GPIHBP1(1 a.a. - 184 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	184 amino acids
<b>Description</b>	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.
<b>Molecular Mass</b>	46.2 kDa
<b>AA Sequence</b>	MKALGAVLLALLLCGRPGRGQTQQEEEEDEDHGPDDYDEEDEDEVEEEEETNRLP GGRSRVLLRCYTCKSLPRDE RCNLTQNC SHGQTCTTLIAHGNTESGLLTTHSTWCT DSCQPITKTVEGTQVTMTCCQSSLCNVPPWQSSRVQDPT GKAGGPRGSSETVG AALLLNLLAGLGAMGARRP
<b>Applications</b>	ELISA; WB-Re; AP; Array

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

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