

Recombinant Human GPIHBP1, GST-tagged

Cat. No. GPIHBP1-1432H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPIHBP1(1 a.a. - 184 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	Wheat Germ
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 RCNLTQNCSHGQTCTTLIAHGNTESGLLTTHSTWCT DSCQPITKTVEGTQVTMTCCQSSLCNVPPWQSSRVQDPT GKGAGGPRGSSETVG AALLLNLLAGLGAMGARRP
Applications	ELISA; WB-Re; AP; Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

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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

Chromosome Location 8q24.3

Function chylomicron binding; high-density lipoprotein particle binding; lipase binding

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