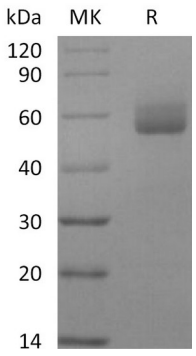
Product Name: Recombinant Human GPIHBP1 (C-Fc)
Catalog #: PHH2162

Summary

Name	GPIHBP1
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Glycosylphosphatidylinositol-anchored High Density Lipoprotein-binding Protein 1 is produced by our Mammalian expression system and the target gene encoding Thr22-Gly151 is expressed with a human IgG1 Fc tag at the C-terminus.
Accession #	Q8IV16
Host	Human Cells
Species	Human
Predicted Molecular Mass	41.7 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image



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Background

Alternative Names	glycosylphosphatidylinositol-anchored high density lipoprotein-binding protein1; GPI anchored high density lipoprotein binding protein 1; GPI-Anchored HDL-Binding Protein 1; GPIHBP1; GPI-HBP1; GPI-HBP1LOC338328; HBP1; High density lipoprotein-binding protein 1; HYPL1D
Background	Glycosylphosphatidylinositol-anchored high density lipoprotein-binding protein 1 (GPIHBP1) is a member of the Ly6 family of proteins, binds LPL in the subendothelial spaces and transports it to the capillary lumen. GPIHBP1 is an important regulator of triglyceride metabolism by increasing the efficiency of lydrolysis by LPL and uptake of fatty acids. GPIHBP1 was positively correlated with LPL, and GPIHBP1 is a better marker for body weight decrease than LPL.

Note

For Research Use Only , Not for Diagnostic Use.