Recombinant Human GPIHBP1 (C-Fc)

Catalog Number:PKSH033927

Note: Centrifuge before opening to ensure complete recovery of vial contents.

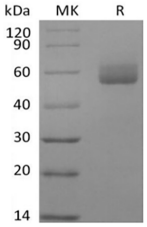
Description

Synonyms	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
Species	Human
Expression Host	HEK293 Cells
Sequence	Thr22-Gly151
Accession	Q8IV16
Calculated Molecular Weight	41.7 kDa
Observed molecular weight	50-65 kDa
Tag	C-Fc

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

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.

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