

Active Recombinant Human CLPS Protein, His-tagged

Cat. No. CLPS-561H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CLPS Protein(P04118) (Met 1-Gln 112) was expressed in Insect Cells, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-112 aa
Form	Lyophilized from sterile PBS, 500mM NaCl, pH 7.0, 10% gly.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human CLPS-His at 10µg/mL(100µL/well) can bind biotinylated human PNLIP-His. The EC50 of biotinylated human PNLIP-His is 0.57-1.33µg/mL.
Molecular Mass	The recombinant human CLPS consists of 105 amino acids and predicts a molecular mass of 11.5 kDa. It migrates as an approximately 12 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-

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thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name CLPS colipase, pancreatic [Homo sapiens]

Official Symbol CLPS

Synonyms colipase, pancreatic; colipase; pancreatic colipase preproprotein;
OTTHUMP00000016271

Gene ID 1208

mRNA Refseq NM_001832

Protein Refseq NP_001823

MIM 120105

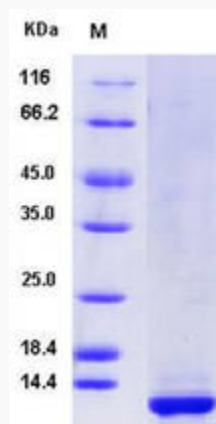
UniProt ID P04118

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SDS-PAGE



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