

Recombinant Rat Clps Protein, His-tagged

Cat. No. Clps-1136R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant rat Clps (NP_037271.1) (Met1-Gln112) was expressed with a polyhistidine tag at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	1-112 a.a.
Predicted N Terminal	Ala 18
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant rat Clps consists 106 amino acids and predicts a molecular mass of 11.9 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Clps colipase \[Rattus norvegicus \]](#)

Official Symbol [Clps](#)

Synonyms COLQ; colipase, pancreatic

Gene ID [25680](#)

mRNA Refseq [NM_013139](#)

Protein Refseq [NP_037271](#)

MIM

UniProt ID [P17084](#)

Chromosome Location 20p12

Pathway Digestion of dietary lipid, organism-specific biosystem; Lipid digestion, mobilization, and transport, organism-specific biosystem; Retinoid metabolism and transport, organism-specific biosystem

Function enzyme activator activity

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