

Recombinant Rat Lamp1 protein(Met1-Asn371), hFc-tagged

Cat. No. Lamp1-7467R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat LAMP1 (P14562) (Met1-Asn371) was expressed in HEK293, fused with the Fc region of Human IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	Met1-Asn371
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant Rat LAMP1/Fc is a disulfide-linked homodimer. The reduced monomer comprises 591 amino acids and has a predicted molecular mass of 65.1 kDa. The apparent molecular mass of the protein is approximately 123 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 92 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Lamp1 lysosomal-associated membrane protein 1 \[Rattus norvegicus \]](#)

Official Symbol [Lamp1](#)

Synonyms LAMP1; lysosomal-associated membrane protein 1; lysosome-associated membrane glycoprotein 1; LAMP-1; LGP-120; lysosomal membrane glycoprotein 1; CD107 antigen-like family member A; lysosome-associated membrane protein 1; 120 kDa lysosomal membrane glycoprotein; Lysosomal associated membrane protein 1 (120 kDa); LGP120;

Gene ID [25328](#)

mRNA Refseq [NM_012857](#)

Protein Refseq [NP_036989](#)

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