

Recombinant Full Length Rat Lysosome-Associated Membrane Glycoprotein 1(Lamp1) Protein, His-Tagged

Cat. No. RFL4555RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat Lysosome-associated membrane glycoprotein 1(Lamp1) Protein (P14562) (22-407aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length of Mature Protein (22-407)
Form	Lyophilized powder
AA Sequence	APALFEVKDNNGTACIMASFSASFLTTYDAGHVSKVSNMTLPASAEVLKNSSSCGEK NASEPTLAITFGEGYLLKLTFTKNTTRYSVQHMYFTYNLSDTQFFPNASSKGPDTVD STTDIKADINKTYRCVSDIRVYMKNVTIVLWDATIQAYLPSSNFSKEETRCPQDQPSP TTGPPSPSPPLVPTNPSVSKYNVTGDNGTCLLASMALQLNITYMKKDNTTVTRAFNI NPSDKYSGTCGAQLVTLKVGNKSRVLELQFGMNATSSLFFLQGVQLNMTLPDAIEP TFSTSNYSLKALQASVGNSYKCNSEEHIFVSKALALNVFSVQVQAFRVESDRFGSVE ECVQDGNMMLIPIAVGGALAGLVLIIVLIAYLIGRKRS HAGYQTI
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	Lamp1
Synonyms	Lamp1; Lamp-1; Lysosome-associated membrane glycoprotein 1; LAMP-1; Lysosome-associated membrane protein 1; 120 kDa lysosomal membrane glycoprotein; LGP-120; CD107 antigen-like family member A; CD antigen CD107a
UniProt ID	P14562