

Recombinant Full Length *Cricetulus Griseus* Lysosome-Associated Membrane Glycoprotein 2(Lamp2) Protein, His-Tagged

Cat. No. RFL34345CF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Cricetulus griseus</i> Lysosome-associated membrane glycoprotein 2(LAMP2) Protein (P49130) (29-410aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Cricetulus griseus</i>
Source	<i>E.coli</i>
ProteinLength	Full Length of Mature Protein (29-410)
Form	Lyophilized powder
AA Sequence	FELNLPDSKATCLFAKWKMNFTISYETTTNKLKTVTISEPHNVTYNGSSCGDDQGV AKIAVQFGSTVSWNVFTFTKEESHYVIGSIWL VYNTSDNTTFPGAIPKGSATVISSQSIE IPLDDIFRCNSLLTFKTGNVVQNYWDIHLQAFVQNGTVSKEEFVCEEDKSVTTVRPII HTTVPPPTTTPTPLPPKVGNYSVSNGNATCLLATMGLQLNVTEEKVPPFIFNINPSTTN FTGSCHPQTAQLRLNNSQIKYLD FIFAVKSESHFYLKEVNVSMY MANGSVF SVANNN LSFDAPLGSSYMCNKEQVVS VSRTFQINTFNLKVQPFNVTKGKYATAQDCSADED NFLVPIAVGAALAGVLALVLLAYFIGLKRHHTGYEQF
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 multiple 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	LAMP2
Synonyms	LAMP2; LGPB; Lysosome-associated membrane glycoprotein 2; LAMP-2; Lysosome-associated membrane protein 2; CD107 antigen-like family member B; Lysosomal membrane glycoprotein B; LGP-B; CD antigen CD107b
UniProt ID	P49130

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