

Recombinant Mouses LAMP5 Protein

Catalog No.: RP02615

Sequence Information

Species	Gene ID
Mouse	76161
Swiss Prot	Tags
Q9D387	C-hFc

Synonyms

BAD-LAMP; LAMP-5; BADLAMP;
C20orf103; dJ1119D9.3; UNC-43

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by HPLC.

Calculated MW Observed MW

50 kDa 60-70 kDa

Endotoxin

< 1 EU/μg of the protein by LAL
method.

Formulation

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Lysosome-associated membrane protein 5 (LAMP5) is a mammalian ortholog of the *Caenorhabditis elegans* protein, UNC-46, which functions as a sorting factor to localize the vesicular GABA transporter UNC-47 to synaptic vesicles. LAMP5 deficiency led to a larger intensity-dependent increase of wave I, II and V peak amplitude of auditory brainstem response. LAMP5 plays a pivotal role in sensorimotor processing in the brainstem and spinal cord.

Basic Information

Description

Recombinant Mouses LAMP5 Protein is expressed from Expi293 with hFc tag at the C-terminal.; It contains Glu30-Glu235.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

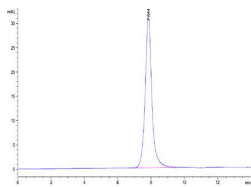
Contact

☎ | 400-999-6126

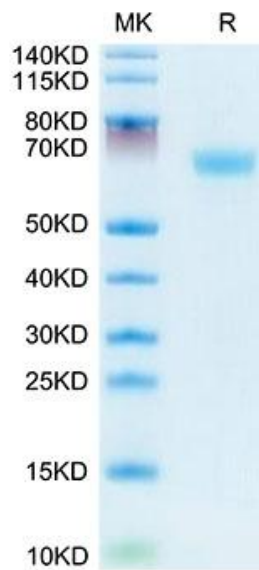
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Validation Data



The purity of Mouses LAMP5 is greater than 95% as determined by SEC-HPLC.



Recombinant Mouses LAMP5 Protein was determined by Tris-Bis PAGE under reducing conditions.