

Recombinant Mouse L-Selectin/SELL/CD62L Protein

Catalog No.: RP02841 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Mouse	20343	P18337

Tags

C-His

Synonyms

L-selectin; LAM-1; LNHR; LYAM1; SELL; CD62L; LEU8; LSEL; PLNHR; TQ1

Product Information

Source	Purification
HEK293 cells	> 95% as determined by HPLC.

Calculated MW	Observed MW
34.2 kDa	55-70 kDa

Endotoxin

<1EU/μg

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

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.

Contact

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Background

L-selectin (CD62L) is a type-I transmembrane glycoprotein and cell adhesion molecule that is expressed on most circulating leukocytes. Since its identification in 1983, L-selectin has been extensively characterized as a tethering/rolling receptor. There is now mounting evidence in the literature to suggest that L-selectin plays a role in regulating monocyte protrusion during transendothelial migration (TEM).

Basic Information

Description

Recombinant Mouse L-Selectin/SELL/CD62L Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Trp39-Asn332) of mouse L-Selectin/SELL/CD62L (Accession #NP_035476.1) fused with a 6×His tag at the C-terminus.

Bio-Activity

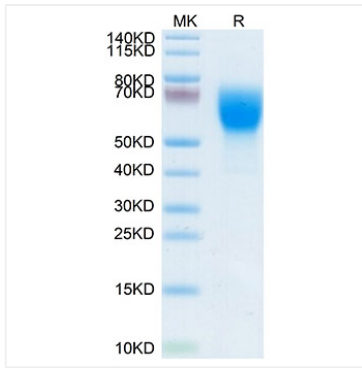
Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

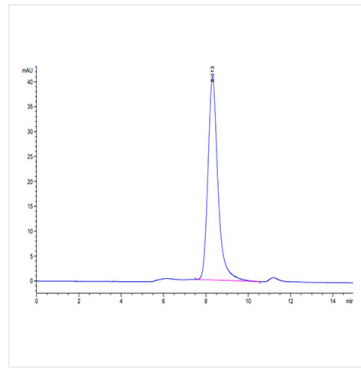
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Mouse SELL/L-selectin/LAM-1/CD62L Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 55-70 kDa.



The purity of Mouse CD62L is greater than 95% as determined by SEC-HPLC.