

Recombinant Mouse MARCO Protein

Catalog No.: RP02734 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Mouse	17167	Q60754-1

Tags

N-His

Synonyms

MARCO; SCARA2; AI323439; Ly112

Product Information

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

Calculated MW	Observed MW
46.2 kDa	48-53 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.

Contact

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Background

Scavenger receptor A5 (SCARA5) is a member of the class A scavenger receptors, with most similarity to SCARA1 (SR-A) and SCARA2 (MARCO), which are primarily expressed by macrophages and dendritic cells, in which they participate in clearance of various polyanionic macromolecules, pollution particles, and pathogens. In contrast to expression of SCARA1 and SCARA2 in immune cells, SCARA5 is found in a subset of fibroblast-like cells in the interstitial stroma of most organs, with additional expression in the epithelial cells of testis and choroid plexus.

Basic Information

Description

Recombinant Mouse MARCO Protein is expressed from Expi293 with His tag at the N-terminal. It contains Gln70-Ser518.

Bio-Activity

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

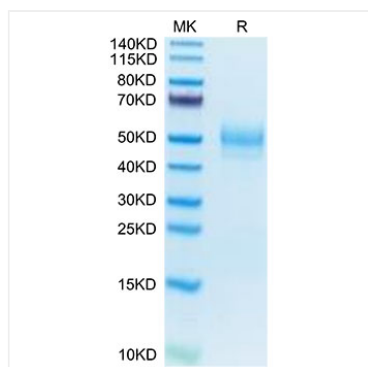
Storage

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.

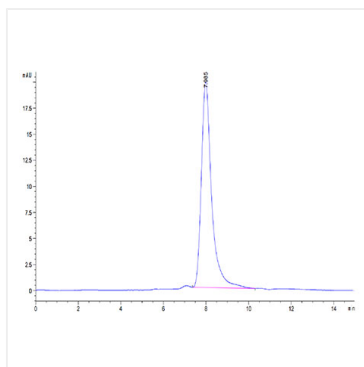
Operational Notes

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

Validation Data



Recombinant Mouse MARCO Protein was determined by Tris-Bis PAGE under reducing conditions.



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