

Recombinant Mouse MARCO protein, His-tagged

Cat. No. MARCO-2163M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse MARCO protein(NP_034896.1)(Gln70-Ser518), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Gln70-Ser518
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The secreted recombinant mouse MARCO consists of 465 amino acids and has a calculated molecular mass of 47.3 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 55-60 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 92 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name Marco macrophage receptor with collagenous structure [*Mus musculus*]

Official Symbol MARCO

Synonyms MARCO; macrophage receptor with collagenous structure; macrophage receptor MARCO; Ly112; Scara2; AI323439;

Gene ID 17167

mRNA Refseq NM_010766

Protein Refseq NP_034896

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