

Active Recombinant Mouse Marco protein, His-tagged

Cat. No. Marco-589M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Marco(Gln70-Ser518) fused with His tag at N-terminal was expressed in NS0.
Species	Mouse
Source	Mammalian Cells
ProteinLength	70-518 a.a.
Predicted N Terminal	His
Form	Lyophilized from a 0.2 µm filtered solution in PBS.
Bio-activity	Measured by its ability to bind fluorescein-conjugated E. coli Bioparticles. Sankala, M. et al. (2002) J. Biol. Chem. 277:33378. The ED50 for this effect is typically 0.5-2.5 g/mL.
Molecular Mass	Predicted Molecular Mass: 46.3 kDa;SDS-PAGE: 57-60 kDa, reducing conditions.
Endotoxin	<0.1 EU per 1 µg of the protein by the LAL method.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain
Storage	Avoid repeated freeze-thaw cycles.12 months from date of receipt, -20 to -70 centigrade as supplied.1 month, 2 to 8 centigrade under sterile conditions after

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reconstitution.3 months, -20 to -70 centigrade under sterile conditions after reconstitution.

Reconstitution Reconstitute at 100 µg/mL in sterile PBS.

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

MIM

UniProt ID

Chromosome Location 1; 1 E4-F

Pathway Phagosome, organism-specific biosystem; Phagosome, conserved biosystem;

Function receptor activity; scavenger receptor activity;

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