

## Product datasheet for **TP727798**

### Marco Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Macrophage Receptor MARCO/MARCO (N-8His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Gln70-Ser518
Tag:	N-His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Mouse Macrophage Receptor MARCO is produced by our Mammalian expression system and the target gene encoding Gln70-Ser518 is expressed with a 8His tag at the N-terminus.
Stability:	12 months from date of despatch
Locus ID:	17167
UniProt ID:	<a href="#">Q60754</a>
Summary:	MARCO (macrophage receptor with collagenous structure) is an 80 kDa type II transmembrane glycoprotein that belongs to the class A scavenger receptor family. Mouse MARCO consists of a 48 amino acid (aa) cytoplasmic domain, a 21 aa transmembrane segment, and a 449 aa extracellular domain (ECD) that includes a stalk region, a collagenlike region, and one SRCR domain. MARCO is constitutively expressed on the surface of splenic and lymph node macrophages. MARCO binds LPS, lipoteichoic acid, and other determinants on Gram positive and Gram negative bacteria. It also binds modified LDL, CpG oligonucleotides, UGRP1, silica, and TiO <sub>2</sub> .



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