

Mouse CD163 Protein

Cat. No. CD1-MM163

Description

Source	Recombinant Mouse CD163 Protein is expressed from Expi293 with His tag at the C-terminal. It contains Val39-Thr1045.
Accession	Q2VLH6-1
Molecular Weight	The protein has a predicted MW of 109.53 kDa. Due to glycosylation, the protein migrates to 120-150 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

Formulation and Storage

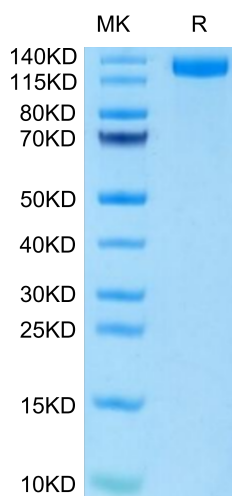
Formulation	Supplied as 0.22µm filtered solution in PBS (pH 7.4). Please dilute to the desired concentration according to the concentration of the solution shown on the product label.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

Background

The hemoglobin (Hb) scavenger receptor, CD163, is a macrophage-specific protein and the upregulated expression of this receptor is one of the major changes in the macrophage switch to alternative activated phenotypes in inflammation. Accordingly, a high CD163 expression in macrophages is a characteristic of tissues responding to inflammation.

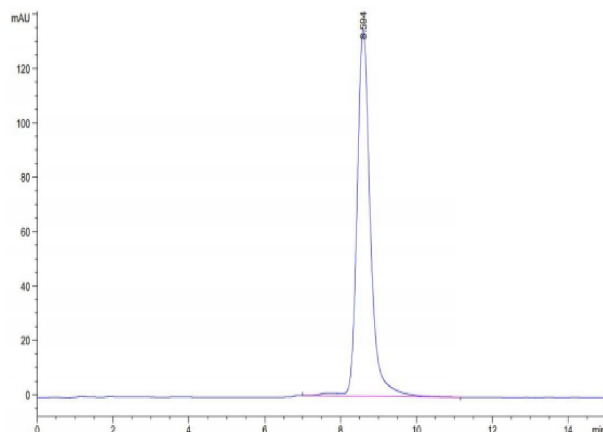
Assay Data

Tris-Bis PAGE



Mouse CD163 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Mouse CD163 is greater than 95% as determined by SEC-HPLC.