

Datasheet for ABIN7274091

CD163 Protein (CD163) (AA 39-1045) (His tag)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	CD163
Protein Characteristics:	AA 39-1045
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD163 protein is labelled with His tag.

Product Details

Purpose:	Mouse CD163 Protein
Sequence:	Val39-Thr1045
Characteristics:	Recombinant Mouse CD163 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Val39-Thr1045.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	CD163
Alternative Name:	CD163 (CD163 Products)

Target Details

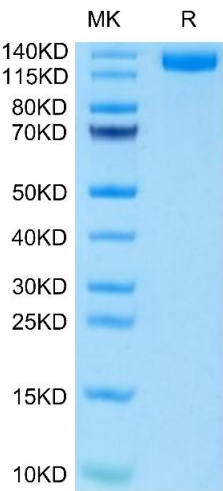
Background:	The hemoglobin (Hb) scavenger receptor, CD163, is a macrophage-specific protein and the upregulated expression of this receptor is one of the major changes in the macrophage switch to alternative activated phenotypes in inflammation. Accordingly, a high CD163 expression in macrophages is a characteristic of tissues responding to inflammation.
Molecular Weight:	109.53 kDa. Due to glycosylation, the protein migrates to 120-150 kDa based on Tris-Bis PAGE result.

Application Details

Restrictions:	For Research Use only
---------------	-----------------------

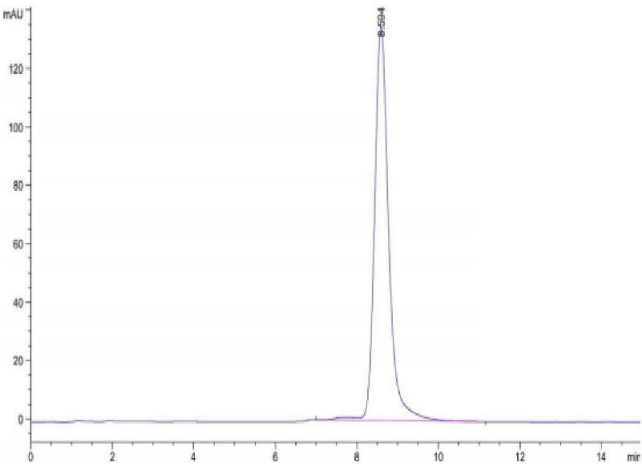
Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

Image 1. Mouse CD163 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Mouse CD163 is greater than 95 % as determined by SEC-HPLC.