

Recombinant human CD163 protein, C-His-Avi (HEK293)

Catalog Number: bs-47045P

Concentration: >0.5 mg/ml

AA Seq: 42-1045/1156

Predicted MW: 25

Detected MW: Due to glycosylation, the protein migrates to 115-130 kDa based on Tris-Bis PAGE result.

Tags: C-His-Avi

Activity: Not tested

Endotoxin: <1.0 EU/μg as determined by LAL

Purity: >95% as determined by Tris-Bis PAGE; >95% as determined by SEC-HPLC

Purification: AC

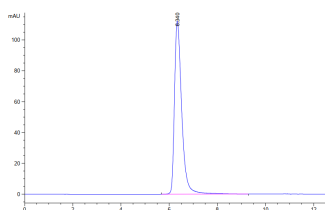
Form: Lyophilized

Storage: Lyophilized from 0.22μm filtered solution in PBS (pH7.4) with 5mM DTT. Normally 5% trehalose is added as protectant before Lyophilization.

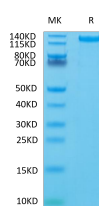
Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: The protein encoded by this gene is a member of the scavenger receptor cysteine-rich (SRCR) superfamily, and is exclusively expressed in monocytes and macrophages. It functions as an acute phase-regulated receptor involved in the clearance and endocytosis of hemoglobin/haptoglobin complexes by macrophages, and may thereby protect tissues from free hemoglobin-mediated oxidative damage. This protein may also function as an innate immune sensor for bacteria and inducer of local inflammation. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Aug 2011]

VALIDATION IMAGES



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



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