PRODUCT INFORMATION

Target	CD163
Synonyms	M130;MM130;SCARI1
Description	Recombinant Human CD163 Protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	Q86VB7
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	CD163(Leu44-Gln1048) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 109.5 kDa after removal of the signal peptide. The apparent molecular mass of CD163-His is approximately 130-250 kDa due to glycosylation.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
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]
Usage	Research use only
Conjugate	Unconjugated

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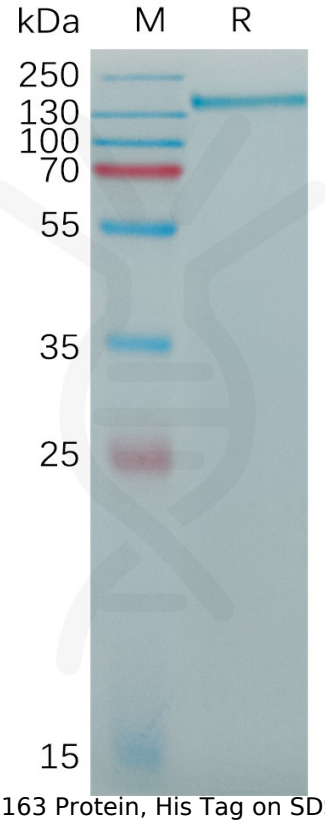


Figure 1. Human CD163 Protein, His Tag on SDS-PAGE under reducing condition.

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