



[Go to Product page](#)

Datasheet for ABIN7491327
CD163 Protein (CD163) (His tag)

Overview

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

Product Details

Purpose:	Recombinant Human CD163 Protein with C-terminal 6xHis tag
Specificity:	CD163 (Leu44-Gln1048) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	CD163
Alternative Name:	CD163 (CD163 Products)
Background:	M130, MM130, SCAR11 Description: 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

Target Details

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]

Molecular Weight: predicted molecular mass of 109.5 kDa after removal of the signal peptide. The apparent molecular mass of CD163-His is 130-250 kDa due to glycosylation.

UniProt: [Q86VB7](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: 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.

Expiry Date: 12 months