

Datasheet for ABIN5711361

CD163 Protein (CD163) (AA 86-365, partial) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	CD163
Protein Characteristics:	partial, AA 86-365
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD163 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	VVCQQLGCPT SIKALGWANS SAGSGYIWM D KVSCTGNESA LWDCKHDGWG KHNCTHEKDA GVTCS DGSNL EMRLVNSAGH RCLGRVEIKF QGKWGTVCDD NFSKDHASVI CKQLGCGSAI SFGS SAKLGA GSGPIWLDDL ACNGNESALW DCKHRGWGKH NCDHAEDVGV ICLEGADLSL RLVDGVS RCS GRLEVR FQGE WGTVCDDNWD LRDA SVVCKQ LGCP TAISAI GRV NASEGSG QIWL DNISCE GHEATLWECK HQEWGKHYCH HREDAGVTCS
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	CD163
Alternative Name:	C163A (CD163 Products)

Target Details

Background: Involved in clearance and endocytosis of hoglobin/haptoglobin complexes by macrophages and may thereby protect tissues from free hoglobin-mediated oxidative damage. May play a role in the uptake and recycling of iron, via endocytosis of hoglobin/haptoglobin and subsequent breakdown of he. Binds hoglobin/haptoglobin complexes in a calcium-dependent and pH -dependent manner. Induces a cascade of intracellular signals that involves tyrosine kinase-dependent calcium mobilization, inositol triphosphate production and secretion of IL6 and CSF1 .After shedding, the soluble form (sCD163) may play an anti-inflammatory role.

Molecular Weight: 34.3 kDa

UniProt: [Q2VLH6](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

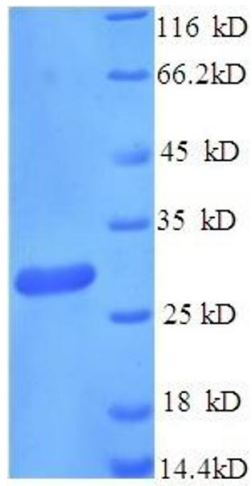
Format: Liquid

Concentration: 0.1-2 mg/mL

Buffer: 20 mM Tris-HCl based buffer, pH 8.0

Storage: -80 °C,4 °C,-20 °C

Storage Comment: Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.



SDS-PAGE

Image 1.