

Datasheet for ABIN2870623

**CD163 Protein (CD163) (AA 42-1045) (His tag)**[Go to Product page](#)**1** Image

## Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 100 µg                                       |
| Target:                       | CD163  |
| Protein Characteristics:      | AA 42-1045                                   |
| Origin:                       | Human  |
| Source:                       | HEK-293 Cells                                |
| Protein Type:                 | Recombinant                                  |
| Purification tag / Conjugate: | This CD163 protein is labelled with His tag. |

## Product Details

|                  |   |
|------------------|---|
| Sequence:        | AA 42-1045  |
| Characteristics: | This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 110.4 kDa. The protein migrates as 135-140 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation. |
| Purity:          | >95 % as determined by SDS-PAGE.  |
| Endotoxin Level: | Less than 1.0 EU per µg by the LAL method.  |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | CD163  |
| Alternative Name: | CD163 ( <a href="#">CD163 Products</a> )   |
| Background:       | Scavenger receptor cysteine-rich type 1 protein M130 (CD163) is also known as hemoglobin scavenger receptor, which is a scavenger receptor for the hemoglobin-haptoglobin complex. |

## Target Details

CD163 has also been shown to mark cells of monocyte/macrophage lineage. A soluble form of the receptor exists in plasma, commonly denoted sCD163. sCD163 is generated by ectodomain shedding of the membrane bound receptor. sCD163 is upregulated in a large range of inflammatory diseases including liver cirrhosis, type 2 diabetes, macrophage activation syndrome, Gaucher's disease, sepsis, HIV infection, rheumatoid arthritis and Hodgkin Lymphoma.

Molecular Weight: 110.4 kDa

UniProt: [Q86VB7](#)

## Application Details

Restrictions: For Research Use only

## Handling

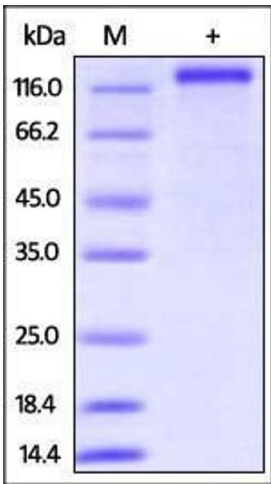
Format: Lyophilized

Buffer: PBS, pH 7.4

Handling Advice: Please avoid repeated freeze-thaw cycles.

Storage: -20 °C

## Images



### SDS-PAGE

**Image 1.** Human CD163, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.