Recombinant Human CD163 Protein, DYKDDDDK-tagged

Cat. No. CD163-151H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD163 molecule(CD163), transcript variant 1(NM_004244), with a DYKDDDDK tag, was expressed in human cells.
Species	Human
Source	Human Cells
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 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.
Form	Purified protein formulated in a sterile solution of TBS buffer, pH7.243, without any preservatives.
Molecular Mass	125.3 kDa
Endotoxin	Endotoxin level is < 0.1 ng/ɡ of protein (<1EU /ɡ)
Purity	>90% by SDS-PAGE gel and Coomassie Blue staining

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Applications	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.

GENE INFORMATION

Gene Name	CD163 CD163 molecule [Homo sapiens]
Official Symbol	CD163
Synonyms	CD163; CD163 molecule; CD163 antigen; scavenger receptor cysteine-rich type 1 protein M130; M130; MM130; hemoglobin scavenger receptor; macrophage-associated antigen;
Gene ID	9332
mRNA Refseq	NM_004244
Protein Refseq	NP_004235
MIM	605545
UniProt ID	Q86VB7

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