

Recombinant Human CD163 Protein, GST-Tagged

Cat. No. CD163-0726H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CD163 partial ORF (NP_004235, 78 a.a. - 168 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Aug 2011]
Molecular Mass	35.75 kDa
AA Sequence	NGWSMEAVSVICNQLGCPATAIKAPGWANSSAGSGRIWMDHVSCRGNESALWDCK HDGWGKHSNCTHQDAGVTCSDGSNLEMLRTRGGNMC
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

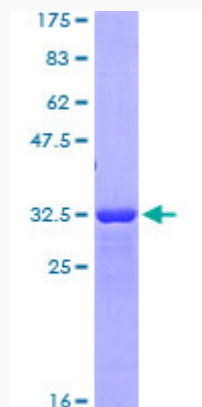
UniProt ID Q86VB7

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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