

Product datasheet for **TP308557**

CD163 (NM_004244) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human CD163 molecule (CD163), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>Peptide sequence encoded by RC208557 Blue=ORF Red=Cloning site Green=Tag(s)

MSKLRMVLLEDSEGSADFRRHVFNLSPTITVLLLSACFVTSSLGGTDKELRLVDGENKCSGRVEVKVQ
EEWGTVCCNNGWSMEAVSVICNQLGCPTAIKAPGWANSSAGSGRIWMDHVSCRGNESALWDCKHDGWGKH
SNCTHQQDAGVTCSDGSNLEMRLTRGGNMCSGRIEIKFQGRWGTVCDDNFNIDHASVICRQLECGSAVS
FSGSSNFEGESGPIWFDDLICNGNESALWNCKHQGWGKHNCDAEDAGVICSKGADLSLRLVDGVTECS
GRLEVRFQGEWGTICDDGWDSYDAAVACKQLGCPTAVTAIGRVNASKGFGHIWLDVSCQGHPEAVWQC
KHHEWKGKHYCNHNEDAGVTCSDGSDLELRLRGGSRCAGTVEVEIQRLGKVCDRGWGLKEADVCRQL
GCGSALKTSYQVYSKIQATNTWFLSSCNGNETSLWDCKNWQWGGLTCDHYEEAKITCSAHREPRLVGG
DIPCSGRVEVKHGDTWGSICDSDFSLEAASVLCRELQCGTVVSILGGAHFEGENGQIWAEEFQCEGHES
HLSLCPVAPRPEGTCSHSRDVGVCSRYTEIRLVNGKTPCEGRVELKTLGAWGSLCNSHWIDIEAHVLC
QQLKCGVALSTPGGARFGKNGQIWRHMFHCTGTEQHMGDPCVTALGASLCPSEQVASVICSGNQSQTL
SSCNSSSLGPTRPTIPEESAVACIESGQLRLVNGGGRCAGRVEIYHEGSWGTCDDSDWLDSDAHVCRQ
LGCGEAINATGSAHFEGGTGPIWLDEMCKNGKESRIWQCHSHGWGQQNCRHKEDAGVICSEFMSLRLLTS
EASREACAGRLEVFYNGAWGTVGKSSMSETTVGVVCRQLGCADKGGKINPASLDKAMSIPMWDNVQCPK
GPDTLWQCPSSPWEKRLASPSEETWITCDNKIRLQEGPTSCSGRVEIWHGGSWGTVCCDSDWLDLDAQV
CQQLGCGPALKAFKEAEFGQGTGPIWLNEVKCKGNESLWDCPARRWGHSECGHKEDAAVNCTDISVQK
TPQKATTGRSSRQSSFIAVGILGVLLAIFVALFFLTKRRRQRQLAVSSRGENLVHQIQYREMNLSCLN
ADDLDMNSSENSHESADFSAELISVSKFLPISGMEKEAILSHTTEKENGNL
SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Recombinant protein using RC208557 also available, [TP308557](#)

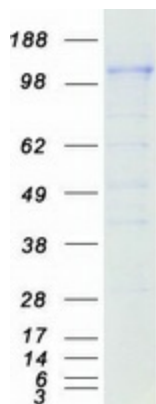
Tag:	C-Myc/DDK
Predicted MW:	125.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining



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Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_004235
Locus ID:	9332
UniProt ID:	Q86VB7
RefSeq Size:	4190
Cytogenetics:	12p13.31
RefSeq ORF:	3468
Synonyms:	M130; MM130; SCARI1
Summary:	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]
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane

Product images:



Coomassie blue staining of purified CD163 protein (Cat# TP308557). The protein was produced from HEK293T cells transfected with CD163 cDNA clone (Cat# [RC208557]) using MegaTran 2.0 (Cat# [TT210002]).