

## Product datasheet for **TP308557L**

### CD163 (NM\_004244) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human CD163 molecule (CD163), transcript variant 1, 1 mg
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](#)

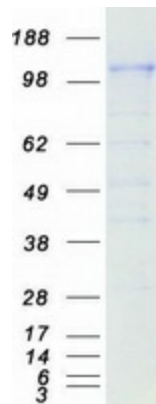
Tag:	C-Myc/DDK
Predicted MW:	125.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining



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