

## Product datasheet for TP317941

### CD200 (NM\_001004196) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens CD200 molecule (CD200), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC217941 representing NM_001004196 Red=Cloning site Green=Tags(s)

MERLTLTRTIGGPLLTATLLGKTTINDYQVIRMPFCHLSTYSLVWVMAAVLCTAQVQVVTQDEREQLYT  
PASLKCSLQNAQEALIVTWQKKKAVSPENMVTFSENHGVIQPAYKDKINITQLGLQNSTITFWNITLED  
EGCYMCLFNTFGFGKISGTACLTVYVQPIVSLHYKFSEDLNITCSATARPAPMVFWKVPKRSIENSTVT  
LSHPNGTTSVTSILHIKDPKNQVGKEVICQVLHLGTVDFKQTVNKGWFSVPLLSIVSLVILLVLISI  
LLYWKRRHRNQDREP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	32.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
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:	<a href="#">NP_001004196</a>
Locus ID:	4345



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UniProt ID: [P41217](#)

RefSeq Size: 2247

Cytogenetics: 3q13.2

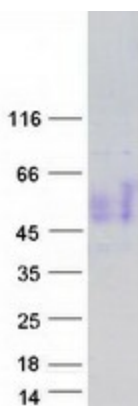
RefSeq ORF: 882

Synonyms: MOX1; MOX2; MRC; OX-2

**Summary:** This gene encodes a type I membrane glycoprotein containing two extracellular immunoglobulin domains, a transmembrane and a cytoplasmic domain. This gene is expressed by various cell types, including B cells, a subset of T cells, thymocytes, endothelial cells, and neurons. The encoded protein plays an important role in immunosuppression and regulation of anti-tumor activity. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jan 2016]

**Protein Families:** Transmembrane

### Product images:



Coomassie blue staining of purified CD200 protein (Cat# TP317941). The protein was produced from HEK293T cells transfected with CD200 cDNA clone (Cat# [RC217941]) using MegaTran 2.0 (Cat# [TT210002]).