

## Product datasheet for **TP306356M**

### CD200 (NM\_005944) Human Recombinant Protein

#### Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human CD200 molecule (CD200), transcript variant 1, 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone  
or AA Sequence: >RC206356 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MERLVIRMPFCHLSTYSLVWVMAAVLCTAQVQVVTQDEREQLYTPASLKCSLQNAQEALIVTWQKKKAV  
SPENMVTFSENHGVVIQPAYKDKINITQLGLQNSTITFWNITLEDGECYMCLFNTFGFGKISGTACLTVY  
VQPIVSLHYKFSEDLNITCSATARPAPMVFWKVPKRGSIENSTVTLSHPNGTTSVTSILHIKDPKNQVGK  
EVICQVLHLGTVTDFKQTVNKGWFSVPLLSIVSLVILLVLISILLYWKRHRNQDREP

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag: C-Myc/DDK

Predicted MW: 30.2 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: [NP\\_005935](#)

Locus ID: 4345

UniProt ID: [P41217](#)



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RefSeq Size: 2226

Cytogenetics: 3q13.2

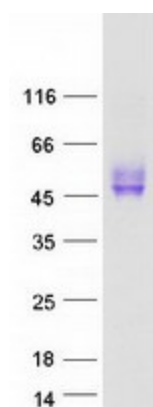
RefSeq ORF: 807

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# [TP306356]). The protein was produced from HEK293T cells transfected with CD200 cDNA clone (Cat# [RC206356]) using MegaTran 2.0 (Cat# [TT210002]).