

Product datasheet for TP310870L

CD200R (CD200R1) (NM_170780) Human Recombinant Protein

Product data:

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|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human CD200 receptor 1 (CD200R1), transcript variant 4, 1 mg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC210870 protein sequence Red =Cloning site Green =Tags(s) |
| | MLCPWRTANLGLLLILTIFLVAASSSLCMDEKQITQNYSKVLAEVNTSWPVKMATNAVLCCPPIALRNLI IITWEIILRGQPSTKAYKKETNETKTNCTDERITWVSRPDQNSDLQIRTVAITHDGYRCIMVTPDGN FHRGYHLQVLVTPVTLFQNRNRTAVCKAVAGKPAAHISWIPEGDCATKQEYWSNGTVTVKSTCHWEVHN VSTVTCHVSHLTGNKSLYIELLPVPGAKKSAKLYIPYIILTIILTVGFIWLLKVNCGCRKYKLNKTEST PVVEEDEMOPYASYTEKNNPLYDTTNKVKASEALQSEVDTDLHTL |
| | TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Predicted MW: | 36.4 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: | <u>NP_740750</u> |
| Locus ID: | 131450 |



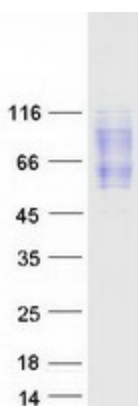
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UniProt ID: [Q8TD46](#)
RefSeq Size: 2203
Cytogenetics: 3q13.2
RefSeq ORF: 975
Synonyms: CD200R; HCRTR2; MOX2R; OX2R

Summary: This gene encodes a receptor for the OX-2 membrane glycoprotein. Both the receptor and substrate are cell surface glycoproteins containing two immunoglobulin-like domains. This receptor is restricted to the surfaces of myeloid lineage cells and the receptor-substrate interaction may function as a myeloid downregulatory signal. Mouse studies of a related gene suggest that this interaction may control myeloid function in a tissue-specific manner. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Transmembrane

Product images:



Coomassie blue staining of purified CD200R1 protein (Cat# [TP310870]). The protein was produced from HEK293T cells transfected with CD200R1 cDNA clone (Cat# [RC210870]) using MegaTran 2.0 (Cat# [TT210002]).