

Product datasheet for PH317941

CD200 (NM_001004196) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CD200 MS Standard C13 and N15-labeled recombinant protein (NP_001004196)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217941
Predicted MW:	32.8 kDa
Protein Sequence:	>RC217941 representing NM_001004196 Red =Cloning site Green =Tags(s) MERLTLTRTIGGPLLTATLLGKTTINDYQVIRMPFCHLSTYSLVWVMAAVVLCTAQVQVVTQDEREQLYT PASLKCSLQNAQEALIVTWQKKKAVSPENMVTFSENHGVIQPAYKDKINITQLGLQNSTITFWNITLED EGCYMCLFNTFGFGKISGTACLTVYVQPIVSLHYKFSEDHLNITCSATARPAPMVFWKVPVRSIENSTVT LSHPNGTTSVTSILHIKDPKNQVGKEVICQVLHLGTVDKQTVNKGWFSVPLLLSIVSLVILLVLISI LLYWKRRHRNQDREP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001004196
RefSeq Size:	2247
RefSeq ORF:	882
Synonyms:	MOX1; MOX2; MRC; OX-2
Locus ID:	4345



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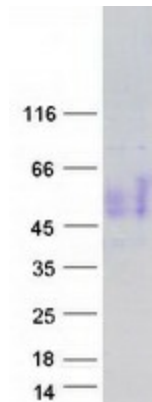
UniProt ID: [P41217](#)

Cytogenetics: 3q13.2

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]).