

## Product datasheet for PH306356

### CD200 (NM\_005944) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	CD200 MS Standard C13 and N15-labeled recombinant protein (NP_005935)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206356
Predicted MW:	30.3 kDa
Protein Sequence:	>RC206356 protein sequence Red=Cloning site Green=Tags(s)  MERLVIRMPFCHLSTYSLVWVMAAVVLCTAQVQVVTQDEREQLYTPASLKCSLQNAQEALIVTWQKKAV SPENMVTFSENHGVVIQPAYKDKINITQLGLQNSTITFWNITLEDEGCYMCLFNTFGFGKISGTACLTVY VQPIVSLHYKFSEDHLNITCSATARPAPMVFWKVPRSGIENSTVTL SHPNGTTSVTSILHIKDPKNQVGK EVICQVLHLGTVTDFKQTVNKGWFSVPLLLSIVSLVILLVLLISILLYWKHRNQDREP  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<u><a href="#">NP_005935</a></u>
RefSeq Size:	2226
RefSeq ORF:	807
Synonyms:	MOX1; MOX2; MRC; OX-2
Locus ID:	4345
UniProt ID:	<u><a href="#">P41217</a></u>



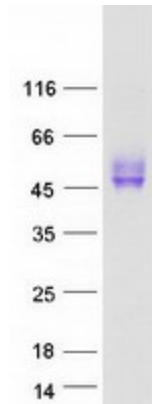
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**Cytogenetics:** 3q13.2

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