

## CD200 Protein, Human (HEK293, His)

Cat. No.:	HY-P70476
Synonyms:	OX-2 Membrane Glycoprotein; CD200; MOX1; MOX2
Species:	Human
Source:	HEK293
Accession:	P41217 (Q31-G232)
Gene ID:	4345
Molecular Weight:	35-50 kDa

### PROPERTIES

AA Sequence	<p>           QVQVVTQDER    EQLYTPASLK    CSLQNAQEAL    IVTWQKKKAV            SPENMVTFSE    NHGVVIQPAY    KDKINITQLG    LQNSTITFWN            ITLEDEGCYM    CLFNTFGFGK    ISGTACLTVY    VQPIVSLHYK            FSEDHLNITC    SATARPAPMV    FWKVPRSGIE    NSTVTLSHPN            GTTSVTSILH    IKDPKNQVGK    EVICQVLHLG    TVTDFKQTVN            KG         </p>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150 mM NaCl, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	CD200 Protein acts as a potent costimulator for T-cell proliferation and is implicated in regulating myeloid cell activity across various tissues. Its functional interplay with CD200R1 is facilitated through the interaction of their N-terminal Ig-like domains, suggesting a pivotal role in modulating immune responses and maintaining homeostasis within diverse cellular environments.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA