CD200 Protein, Human (HEK293, Fc)

Cat. No.:	HY-P72887
Synonyms:	OX-2 membrane glycoprotein; CD200; MOX1; MOX2; My033
Species:	Human
Source:	HEK293
Accession:	P41217 (Q31-G232)
Gene ID:	4345
Molecular Weight:	65-90 kDa

PROPERTIES

AA Sequence	Q V Q V V T Q D E R E Q L Y T P A S L K C S L Q N A Q E A L I V T W Q K K K A V S P E N M V T F S E N H G V V I Q P A Y K D K I N I T Q L G L Q N S T I T F W N I T L E D E G C Y M C L F N T F G F G K I S G T A C L T V Y V Q P I V S L H Y K F S E D H L N I T C S A T A R P A P M V F W K V P R S G I E N S T V T L S H P N G T T S V T S I L H I K D P K N Q V G K E V I C Q V L H L G T V T D F K Q T V N K G
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O. 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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