

## CD200 Protein, Human (HEK293, Fc-Avi)

Cat. No.:	HY-P75432
Synonyms:	OX-2 membrane glycoprotein; CD200; MOX1; MOX2; My033
Species:	Human
Source:	HEK293
Accession:	P41217 (Q31-G232)
Gene ID:	4345
Molecular Weight:	Approximately 51 kDa

### PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
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.
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.**

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