

CD300e Protein, Human (HEK293, Fc)

Cat. No.:	HY-P76223
Synonyms:	CMRF35-like molecule 2; CLM-2; CMRF35-A5; IREM-2; CD300e
Species:	Human
Source:	HEK293
Accession:	Q496F6 (L18-H173)
Gene ID:	342510
Molecular Weight:	Approximately 55-57 kDa due to the glycosylation.

PROPERTIES

AA Sequence	<p>L K G P G S V T G T A G D S L T V W C Q Y E S M Y K G Y N K Y W C R G Q Y D T S</p> <p>C E S I V E T K G E E K V E R N G R V S I R D H P E A L A F T V T M Q N L N E D</p> <p>D A G S Y W C K I Q T V W V L D S W S R D P S D L V R V Y V S P A I T T P R R T</p> <p>T H P A T P P I F L V V N P G R N L S T G E V L T Q N S G F R L S S P H</p>
Biological Activity	Measured by its ability to inhibit anti-CD3 antibody induced IL-2 secretion by human T cells. The ED ₅₀ for this effect is 1.707 µg/mL. Corresponding to a specific activity is 585.823 U/mg.
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.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ 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	<p>The CD300e protein is likely an activating receptor, suggesting its involvement in cellular signaling and immune responses. Through interactions with TYROBP, CD300e may play a role in modulating cellular activities and coordinating immune responses. Elucidating the specific ligands and downstream signaling pathways influenced by CD300e will provide a deeper understanding of its functional significance in immune regulation. Further investigations into the molecular interactions and cellular contexts involving CD300e and its association with TYROBP will contribute valuable insights into its role as an</p>
-------------------	---

activating receptor in immune processes.

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

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