Active Recombinant Mouse Cd300e, Fc Chimera

Cat. No. Cd300e-535M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd300e (Accession # EDL34457) was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Mouse
Source	CHO
Predicted N Terminal	Leu18
Form	Lyophilized from a 0.2 μm filtered solution in PBS.
Bio-activity	Measured by its ability to inhibit anti-CD3-induced proliferation of stimulated human T cells.The ED50 for this effect is typically 0.75-3.5 μg/mL.Optimal dilutions should be determined by each laboratory for each application.
Molecular Mass	Recombinant Mouse Cd300e, Fc Chimera has a calculated MW of 43.6 kDa (monomer). In SDS-PAGE migrates as 55-60 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

GENE INFORMATION

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Gene Name	Cd300e CD300e antigen [Mus musculus]
Official Symbol	Cd300e
Synonyms	CD300E; CD300e antigen; CMRF35-like molecule 2; CLM-2; CMRF-35-like molecule-1; CD300 antigen like family member E; CD300 antigen-like family member E; immune receptor expressed on myeloid cells 2; CLM2; TREM5; Cd300le; BC034097; MGC31495; MGC49720;
Gene ID	217306
mRNA Refseq	NM_172050
Protein Refseq	NP_742047
MIM	

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