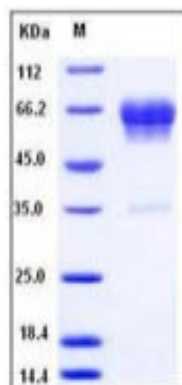


Cd99L2

Recombinant Mouse CD99 Antigen-like Protein 2 (Fc Tag)

Catalog No.	CRM635A-Fc CRM635B-Fc	Quantity:	50 µg 100 µg
Alternate Names:	CD99 antigen-like protein 2, MIC2-like protein 1, CD99		
Description:	CD99 antigen-like protein 2 (CD99L2) is a single-pass type I membrane protein which belongs to the CD99 family. CD99L2 is expressed in brain, heart, lung, liver, spleen, kidney, stomach, small intestine, skeletal muscle, ovary, thymus, testis, uterus and placenta. Lower expression of CD99L2 is seen in thymus. CD99L2 may function as a homophilic adhesion molecule. CD99 and CD99L2 act independently of PECAM-1 in leukocyte-endothelial cell interactions during leukocyte extravasation, and cooperates in an independent way to help neutrophils overcome the endothelial basement membrane. CD99L2 does not seem to be involved in docking of leukocytes to the vessel wall or in lymphocyte diapedesis.		
UniProt ID:	Q8BIF0		
Accession Number:	NP_612182.1		
Protein Construction:	A DNA sequence encoding the mouse CD99L2 extracellular domain (Met 1-Ala 164) was fused with the Fc region of human IgG1 at the C-terminus.		
Source:	HEK293 Cells		
Formulation:	Lyophilized from sterile PBS, pH 7.4 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.		
Molecular Weight:	The secreted rmCD99L2/Fc is a disulfide-linked homodimer. The reduced monomer consists of 380 aa with a predicted MW of 42 kDa and migrates at ~55-65 kDa in SDS-PAGE under reducing conditions, due to glycosylation.		
Purity:	> 94 % as determined by SDS-PAGE.		
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method		
Biological Activity:	Measured in antiviral assays using L929 cells infected with vesicular stomatitis virus (VSV). The ED50 for this effect is typically 25-100 pg/mL.		
Predicted N-terminal:	Asp 26		
Reconstitution:	Centrifuge vial prior to opening. Add sterile distilled water to a concentration of 0.1 mg/mL and gently pipette the solution up and down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution.		
Storage & Stability:	Stable for up to 1 year from date of receipt at -20°C to -80°C After reconstitution, store working aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

SDS-PAGE



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