

CD99L2 Protein, Mouse (HEK293, His)

Cat. No.:	HY-P76814
Synonyms:	CD99 Antigen-Like Protein 2; MIC2-Like Protein 1; CD99; CD99L2; MIC2L1
Species:	Mouse
Source:	HEK293
Accession:	Q8BIF0-1 (D26-A164)
Gene ID:	171486
Molecular Weight:	Approximately 24-30 kDa due to the glycosylation.

PROPERTIES

AA Sequence	D T D G F N L E D A L K E T S S V K Q R W D H F S T T T R R P V T T R A P A N P A E R W D H V A T T T T R R P G T T R A P S N P M E L D G F D L E D A L D D R N D L D G P K K P S A G E A G G W S D K D L E D I V E G G G Y K P D K N K G G G G Y G S N D D P G S G I S T E T G T I A
Biological Activity	Measured by its binding ability in a functional ELISA. When Recombinant Mouse CD99L2 is coated at 2 µg/mL (100 µL/well) can bind Recombinant Mouse CD99L2. The ED ₅₀ for this effect is 1.762 µg/mL.
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	The CD99L2 protein plays a vital role in facilitating a late step of leukocyte extravasation, aiding cells in overcoming the endothelial basement membrane barrier. It acts at the same site as PECAM1, although independently, to promote this process. CD99L2 functions as a homophilic adhesion molecule, although its interactions may not be necessary for cell aggregation.
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Caution: Product has not been fully validated for medical applications. For research use only.

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