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Datasheet for ABIN1691456
CD99L2 Protein (AA 26-188) (His tag)

Overview

Quantity:	50 µg
Target:	CD99L2
Protein Characteristics:	AA 26-188
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD99L2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human CD99 Antigen-Like Protein 2/CD99L2 (C-6His)
Sequence:	DFDDFNLEDA VKETSSVKQP WDHTTTTTTN RPGTTRAPAK PPGSGLDLAD ALDDQDDGRR KPGIGGRERW NHVTTTTTKRP VTTRAPANTL GNDFDLADAL DDRNDRDDGR RKPIAGGGGF SDKDLEDIVG GGEYKPKGK GDGRYGSNDD PGSGMVAEPG TIAVDHHHHH H
Characteristics:	Recombinant Human CD99 Antigen-Like Protein 2/CD99L2 (C-6His)
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	CD99L2
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Target Details

Alternative Name: CD99 Antigen-Like Protein 2/CD99L2 ([CD99L2 Products](#))

Background: Recombinant Human CD99 Antigen-Like Protein 2/CD99L2 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Asp26-Ala188) of Human CD99L2 fused with a polyhistidine tag at the C-terminus.

CD99 Antigen-Like Protein 2 (CD99L2) belongs to the CD99 family. CD99L2 is a single-pass type I membrane protein and expressed in many tissues, with low expression in thymus.

CD99L2 plays a role in a late step of leukocyte extravasation helping cells to overcome the endothelial basement membrane. CD99L2 and CD99 are involved in trans-endothelial migration of neutrophils in vitro and in the recruitment of neutrophils into inflamed peritoneum. A similar protein in mouse functions as an adhesion molecule during leukocyte extravasation. Alternate splicing results in multiple transcript variants.

Molecular Weight: 18.4 kDa

UniProt: [Q8TCZ2](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: It is not recommended to reconstitute to a concentration less than 100 µg/mL.
Dissolve the lyophilized protein in ddH₂O.
Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Handling Advice: Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

Storage: 4 °C/-20 °C/-80 °C

Storage Comment: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.
Reconstituted protein solution can be stored at 4-7°C for 2-7 days.
Aliquots of reconstituted samples are stable at < -20°C for 3 months.
