



# Recombinant Protein Technical Manual

## Recombinant Human CD99L2 Protein (Fc Tag)

RPES0219

### Product Data:

**Product SKU:** RPES0219

**Size:** 10µg

**Species:** Human

**Expression host:** Human Cells

**Uniprot:** Q8TCZ2

### Protein Information:

**Molecular Mass:** 44.5 kDa

**AP Molecular Mass:** 60-90 kDa

**Tag:** C-Fc

**Bio-activity:**

**Purity:** > 90 % as determined by reducing SDS-PAGE.

**Endotoxin:** < 1.0 EU per µg as determined by the LAL method.

**Storage:** Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

**Shipping:** This product is provided as lyophilized powder which is shipped with ice packs.

**Formulation:** Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

**Reconstitution:** Please refer to the printed manual for detailed information.

**Application:**

**Synonyms:** CD99 Antigen-Like Protein 2; MIC2-Like Protein 1; CD99; CD99L2; MIC2L1

## Immunogen Information:

**Sequence:** Asp26-Ala188

## Background:

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.