

CD99 Protein, Mouse (HEK293, Fc)

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| Cat. No.: | HY-P75366 |
| Synonyms: | CD99 Antigen; 12E7; E2 Antigen; Protein MIC2; T-Cell Surface Glycoprotein E2; CD99; MIC2; MIC2X; MIC2Y |
| Species: | Mouse |
| Source: | HEK293 |
| Accession: | Q8VCN6 (D29-G138) |
| Gene ID: | 673094 |
| Molecular Weight: | Approximately 47-55 kDa |

PROPERTIES

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| AA Sequence | <p> D D F N L G D A L E D P N M K P T P K A P T P K K P S G G F D L E D A L P G G G G G G A G E K P G N R P Q P D P K P P R P H G D S G G I S D S D L A D A A G Q G G G G A G R R G S G D E G G H G G A G G A E P E G T P Q G </p> |
| Biological Activity | Immobilized Mouse CD99 Protein at 5 µg/mL (100 µL/well) can bind Mouse PILR-alpha protein. The ED ₅₀ for this effect is 0.2712 µg/mL, corresponding to a specific activity is 3687.316 Unit/mg. |
| Appearance | Solution |
| Formulation | Supplied as a 0.2 µm filtered solution of PBS, pH 7.4. |
| Endotoxin Level | <1 EU/µg, determined by LAL method. |
| Reconstitution | N/A. |
| Storage & Stability | Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles. |
| Shipping | Shipping with dry ice |

DESCRIPTION

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| Background | CD99 Protein is involved in T-cell adhesion processes and plays a crucial role in a late step of leukocyte extravasation, assisting leukocytes in overcoming the endothelial basement membrane. It operates at the same site as PECAM1, but functions independently. CD99 Protein forms a homodimer and interacts with PILRB. |
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Caution: Product has not been fully validated for medical applications. For research use only.

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