

32-13127: CD99 Human

Alternative Name : CD99 antigen, T-cell surface glycoprotein E2, E2 antigen, Protein MIC2, 12E7, CD99, MIC2, MIC2X, MIC2Y.

Description

Source: Sf9, Baculovirus cells.

Sterile filtered colorless solution.

CD99, or MIC2 gene product, or E2 antigen is expressed on the cell membrane of some lymphocytes, cortical thymocytes, and granulosa cells of the ovary. The antigen is also expressed by most pancreatic islet cells, Sertoli cells of the testis, and some endothelial cells. Mature granulocytes express very little or no CD99. MIC2 is strongly expressed on Ewing's sarcoma cells and primitive peripheral neuroectodermal tumors.

CD99 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 342 amino acids (23-122a.a.) and having a molecular mass of 37.3kDa (Molecular size on SDS-PAGE will appear at approximately 40-57kDa). CD99 is expressed with a 239 amino acids hlgG-His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 95.0% as determined by SDS-PAGE.

Content : CD99 protein solution (1mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid : ADPDGGFDLS DALPDNENKK PTAIPKKPSA GDDFDLGDV VDGENDDPRP PNPPKMPNP
NPNHPSSSGS FSDADLADGV SGGEGKGGSD GGGSHRKEGE EADLEPKSCD KTHTCPPCPA
PELLGGPSVF LFPPKPKDTL MISRTPEVTC VVVDVSHEDP EVKFNWYVDG VEVHNAKTKP
REEQYNSTYR VVSVLTVLHQ DWLNGKEYKC KVSNAKALPAP IEKTISKAKG QPREPQVYTL
PPSRDELTKN QVSLTCLVKG FYPSDIAVEW ESNGQPENNY KTTTPVLDSD GSFFLYSKLT
VDKSRWQQGN VFSCSVMHEA LHNHYTQKSL SLSPGKHHHH HH.