

# Recombinant Human CD99 Protein

**Cat. No.** CDA075P    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human full length CD99 expressed in E.coli,56kDa.                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Description</b>      | 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. |
| <b>Presentation</b>     | 10g/100μpurified human CD99 at 0.1mg/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol without BSA and Sodium Azide.                                                                                                                                                                                                                                                                                                            |
| <b>Applications</b>     | •ELISA•Inhibition Assays •Western Blotting                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Characterization</b> | SDS-PAGE commassie blue stained gel, the purified recombinant protein shows a band at 56kDa.                                                                                                                                                                                                                                                                                                                                            |
| <b>Activity</b>         | Not known.                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Storage</b>          | Store vial at -20°Cto -80°C. When stored at the recommended temperature, this protein is stable for 12 months.                                                                                                                                                                                                                                                                                                                          |

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**Full Length**

Full L.

**GENE INFORMATION****Synonyms**

CD99; MIC2; MIC2X; MIC2Y; 12E7; OTTHUMP00000022840; CD99 antigen; CD99 molecule; E2 antigen; MIC2 (monoclonal antibody 12E7); Protein MIC2; T-cell surface glycoprotein E2; antigen identified by monoclonal 12E7, Y homolog; antigen identified by monoclonal antibodies 12E7, F21 and O13; surface antigen MIC2.

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