

# Recombinant Human CD99 protein, His-Avi-tagged, Biotinylated

**Cat. No.** CD99-3013H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                     |
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| <b>Product Overview</b> | Biotinylated Recombinant Human CD99 protein(Asp 23-Asp 122), fused with His and Avi tag, was expressed in HEK293.                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | Asp 23-Asp 122                                                                                                                                                                                                                                                                                      |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.                                                                                                                                                                          |
| <b>Molecular Mass</b>   | This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag™).The protein has a calculated MW of 13.7 kDa. The protein migrates as 22 kDa and 27 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.                                                   |
| <b>Endotoxin</b>        | Less than 1.0 EU per µg by the LAL method.                                                                                                                                                                                                                                                          |
| <b>Purity</b>           | >90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                     |
| <b>Storage</b>          | For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution. |

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| <b>Reconstitution</b> | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents. |
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| <b>Conjugation</b> | Biotin |
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## GENE INFORMATION

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| <b>Gene Name</b> | CD99 CD99 molecule [ Homo sapiens ] |
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| <b>Official Symbol</b> | CD99 |
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| <b>Synonyms</b> | CD99; CD99 molecule; antigen identified by monoclonal antibodies 12E7, F21 and O13 , CD99 antigen , MIC2; CD99 antigen; E2 antigen; surface antigen MIC2; T-cell surface glycoprotein E2; MIC2 (monoclonal 12E7); antigen identified by monoclonal 12E7, Y homolog; antigen identified by monoclonal antibodies 12E7, F21 and O13; MIC2; HBA71; MIC2X; MIC2Y; MSK5X; |
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| <b>Gene ID</b> | 4267 |
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| <b>mRNA Refseq</b> | NM_001122898 |
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| <b>Protein Refseq</b> | NP_001116370 |
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| <b>MIM</b> | 313470 |
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| <b>UniProt ID</b> | P14209 |
|-------------------|--------|

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