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CD99 Protein (CD99) (Fc Tag, His tag)



Overview

| Quantity: | 10 μg |
|-------------------------------|--|
| Target: | CD99 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Biological Activity: | Active |
| Purification tag / Conjugate: | This CD99 protein is labelled with Fc Tag,His tag. |

Product Details

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|------------------------------|--|
| Purpose: | Recombinant Human 12E7/CD99 Protein |
| Sequence: | DGGFDLSDAL PDNENKKPTA IPKKPSAGDD FDLGDAVVDG ENDDPRPPNP PKPMPNPNPN HPSSSGSFSD ADLADGVSGG EGKGGSDGGG SHRKEGEEAD |
| Specificity: | Asp23-Asp122 |
| Purity: | > 85 % by SDS-PAGE. |
| Sterility: | 0.22 μm filtered |
| Endotoxin Level: | < 0.1 EU/μg of the protein by LAL method. |
| Biological Activity Comment: | Measured by its binding ability in a functional ELISA.Immobilized PE anti-human CD99 Antibody at 1µg/mL (100 µL/well) can bind Human CD99 with a linear range of 0.46-9.4 ng/mL. |

Target Details

| Target: | CD99 |
|-------------------|--|
| Alternative Name: | 12E7/CD99 (CD99 Products) |
| Background: | CD99, HBA71, MIC2, MIC2X, MIC2Y, MSK5X, CD99 antigen, HBA71, MIC2, MIC2X, MIC2Y, MSK5X |
| Gene ID: | 4267 |
| UniProt: | P14209-1 |

Application Details

| Restrictions: For Research Use only |
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Handling

| Format: | Lyophilized |
|------------------|---|
| Reconstitution: | Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid votex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles. |
| Buffer: | Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. |
| Storage: | -20 °C,-80 °C |
| Storage Comment: | Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. |