

Recombinant Human 12E7/MIC2 /CD99 Protein

Catalog No.: RP01050 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	4267	P14209-1

Tags

C-hFc&His

Synonyms

CD99; HBA71; MIC2; MIC2X; MIC2Y;
MSK5X; CD99
antigen;HBA71;MIC2;MIC2X;MIC2Y;MSK5
X

Product Information

Source	Purification
HEK293 cells	> 85% by SDS- PAGE.

Calculated MW	Observed MW
36.88 kDa	50-60kDa

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Background

Basic Information

Description

Recombinant Human 12E7/MIC2 /CD99 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Asp23-Asp122) of human CD99 (Accession #NP_002405.1.) fused with an Fc, 6×His tag at the C-terminus.

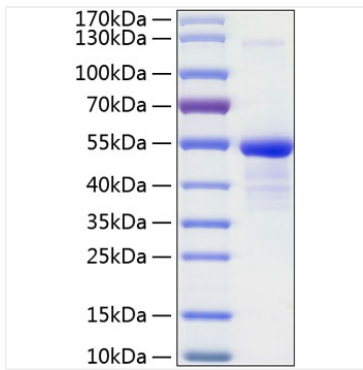
Bio-Activity

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.

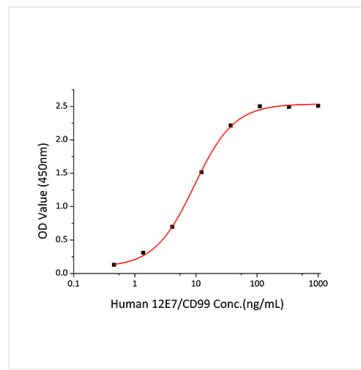
Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Human 12E7/CD99 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 50-60kDa.



Immobilized PE anti-human CD99 Antibody at 1 μ g/mL (100 μ L/well) can bind Human CD99 with a linear range of 0.46-9.4 ng/mL.