

Biotinylated Recombinant Human CD94 Protein

Catalog No.: RP02767 **Recombinant**

Sequence Information

| | | |
|----------------|----------------|-------------------|
| Species | Gene ID | Swiss Prot |
| Human | 3824 | Q13241-1 |

Tags

N-His&Avi

Synonyms

CD94; KLRD1; KP43; NK cell receptor

Product Information

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| Source | Purification |
| HEK293 cells | > 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC |

Endotoxin

Less than 1EU per µg by the LAL method.

Formulation

Reconstitution

Centrifuge the tube 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.

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Background

CD94 is an approximately 25 kDa type 2 transmembrane protein that plays an important role in regulating natural killer (NK) cell activation. CD94 plays a role as a receptor for the recognition of MHC class I HLA-E molecules by NK cells and some cytotoxic T-cells.

Basic Information

Description

Recombinant Biotinylated Human CD94 Protein is expressed from Expi293 with His tag and Avi tag at the N-terminal. It contains Ser34-Ile179.

Bio-Activity

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.