Biotinylated Recombinant Human KP43/KLRD1 /CD94 Protein

Catalog No.: RP02767B

www.abclonal.com

Sequence Information

Species
Human

Gene ID
3824

Swiss Prot
Q13241-1

Tags
N-His&Avi

Synonyms
CD94; KLRD1; KP43; NK cell receptor

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by Tris-Bis PAGE;≥ 95 % as determined by HPLC.

Calculated MW
19.8 kDa

Observed MW
19.8 kDa

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Normally 8% trehalose is added as protectant before lyophilization. Contact us for customized product form or 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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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
Biotinylated Recombinant Human KP43/KLRD1/CD94 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ser34-Ile179) of Human KP43/KLRD1/CD94 (Accession #) fused with His tag and Avi tag at the N-terminal.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

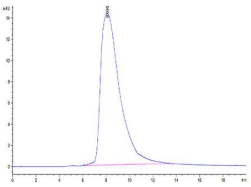
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

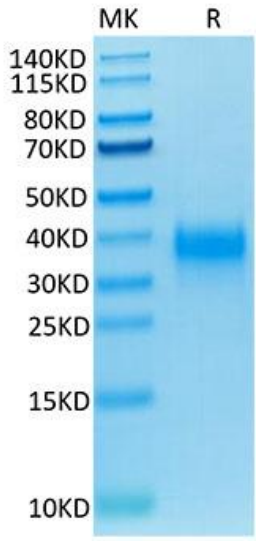
400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



The purity of Biotinylated Human CD94 is greater than 95% as determined by SEC-HPLC.



Biotinylated Recombinant Human KP43/KLRD1/CD94 Protein was determined by Tris-Bis PAGE under reducing conditions.