

RP00426

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Recombinant Human CD337/NKp30/NCR3 Protein

Catalog No.: RP00426

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	259197	O14931

Tags

C-6×His

Synonyms

NCR3;1C7;CD337;LY117;MALS;NKp30

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Endotoxin

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

Formulation

Lyophilized from a 0.2 μm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2. Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

This protein is a natural cytotoxicity receptor (NCR) that may aid NK cells in the lysis of tumor cells. The encoded protein interacts with CD3-zeta (CD247), a T-cell receptor. A single nucleotide polymorphism in the 5' untranslated region of this gene has been associated with mild malaria susceptibility. Three transcript variants encoding different isoforms have been found for this gene.

Basic Information

Description

Recombinant Human CD337/NKp30/NCR3 Protein is produced by Human Cell expression system. The target protein is expressed with sequence (Leu19-Thr138) of human CD337/NKp30/NCR3 (Accession #O14931) fused with a 6×His tag at the C-terminus.

Bio-Activity

Measured by its binding ability in a functional ELISA. When recombinant human B7-H6 Fc Chimera is immobilized at 1 μg/mL (100 μL/well), the concentration of Recombinant Human CD337/NKp30/NCR3 that produces 50% of the optimal binding response is found to be approximately 8-40 ng/mL.

Storage

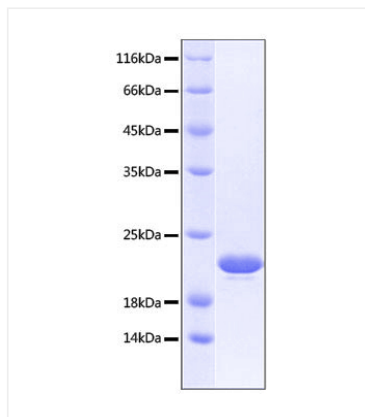
Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact



www.abclonal.com

Validation Data



Recombinant protein Human CD337/NKp30/NCR3 was determined by SDS-PAGE under reducing conditions with Coomassie Blue, showing a band at 22 kDa.