

Recombinant Cynomolgus B7-H6/NCR3LG1 Protein

Catalog No.: RP02646 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Cynomolgus	102121659	XP_00557855 7.1

Tags

C-His

Synonyms

B7H6; B7-H6; DKFZp686I21167;
DKFZp686O24166; NCR3LG1; B7
Homolog 6

Product Information

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

Calculated MW	Observed MW
27.6 kDa	40-52 kDa

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.

Contact

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Background

B7-H6 is a glycosylated member of the B7 family of immune co-stimulatory proteins, which is a ligand for the NK cell activating receptor Nkp30, was targeted to create a CAR that targets multiple tumor types. B7H6 is expressed on various primary human tumors, including leukemia, lymphoma and gastrointestinal stromal tumors, but it is not constitutively expressed on normal tissues.

Basic Information

Description

Recombinant Cynomolgus B7-H6/NCR3LG1 Protein is expressed from Expi293 with His tag at the C-terminal. It contains Asp25-Asp259.

Bio-Activity

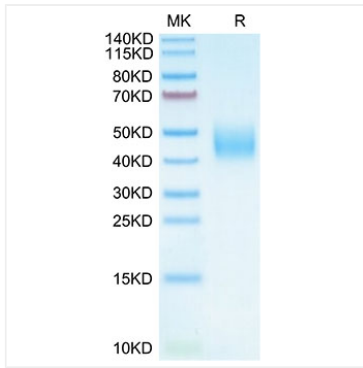
Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

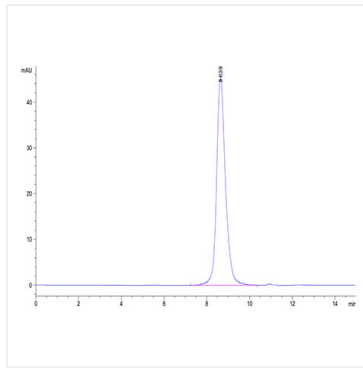
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

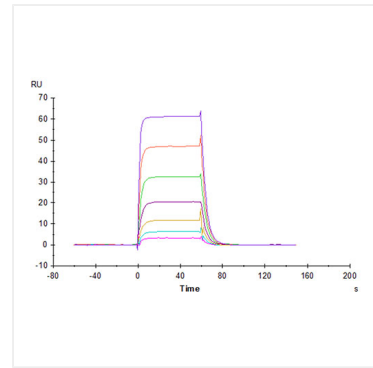
Validation Data



Cynomolgus B7-H6 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of Cynomolgus B7-H6 is greater than 95% as determined by SEC-HPLC.



Human Nkp30, hFc Tag captured on CM5 Chip via Protein A can bind Cynomolgus B7-H6, His Tag with an affinity constant of 0.662 μ M as determined in SPR assay (Biacore T200).