9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

NCR3LG1 Human

Natural Cytotoxicity Triggering Receptor 3 Ligand 1 Human Recombinant
RCP1468

Product Overview

Name	NCR3LG1 Human
Description	
Natural Cytotoxicity Triggering Receptor 3 Ligand 1 Human Recombinant	
Accession (Primary)	Q68D85
Synonyms	
B7H6, B7-H6, B7 Homolog 6	
Introduction	
The B7 proteins are crucial in the regulation of the adaptive immune system. Among them is NCR3LG1. NCR3LG1 is part of the B7 family and is expressed on tumor cells. NCR3LG1 Interaction with NKp30 protein results in cytotoxicity and natural killer cell activation.Humans and rats have a single NCR3LG1 gene; though, numerous B7H6 genes were detected in a single large cluster in the Xenopus genome. NCR3LG1, a ligand for the NK cell activating receptor NKp30, targest to produce CAR that targets multiple tumor types. NCR3LG1 is expressed on many primary human tumors, including leukemia, lymphoma and gastrointestinal stromal tumors, though it is not constitutively expressed on normal tissues.	
Source	
HEK293 Cells	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
NCR3LG1 protein solution (0.5mg/ml) containing 1X PBS (pH-7.4) and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.	
Purity	
Greater than 95% as determined by SDS-PAGE.	
Amino acid sequence	
DLKVEMMAGG TQITPLNDNV TIFCNIFYSQ PLNITSMGIT WFWKSLTFDK EVKVFEFFGD HQEAFRPGAI VSPWRLKSGD ASLRLPGIQL EEAGEYRCEV VVTPLKAQGT VQLEVVASPA SRLLLDQVGM KENEDKYMCE	

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SSGFYPEAIN ITWEKQTQKF PHPIEISEDV ITGPTIKNMD GTFNVTSCLK LNSSQEDPGT VYQCVVRHAS LHTPLRSNFT LTAARHSLSE TEKTDNFS LE PKSCDKTHTC PPCPAPELLG GPSVFLFPPK PKDTLMISRT PEVTCVVVDV SHEDPEVKFN WYVDGVEVHN AKTKPREEQY NSTYRVVSVL TVLHQDWLNG KEYKCKVSNK ALPAPIEKTI SKAKGQPREP QVYTLPPSRD ELTKNQVSLT CLVKGFYPSD IAVEWESNGQ PENNYKTTPP VLDSDGSFFL YSKLTVDKSR WQQGNVFSCS VMHEALHNHY TQKSLSLSPG KHHHHHH

Biological Activity

Measured in a functional ELISA with Human NCR3. The ED50 range ≤500 ng/ml.

Precautions

NCR3LG1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q68D85)