B7-H6 / B7H6 / NCR3LG1 recombinant protein

Rat B7-H6 / B7H6 / NCR3LG1 Protein (His Tag)

CATALOG #
AAA173597

PRODUCT SYNONYMS

B7-H6 / B7H6 / NCR3LG1; Rat B7-H6 / B7H6 / NCR3LG1 Protein (His Tag); B7H6; B7-H6 / B7H6 / NCR3LG1 recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	> 95 % as determined by SDS-PAGE.
Form/Format	Lyophilized from sterile PBS, pH 7.4, 5% Trehalose, 5% mannitol, 0.01%Tween-80
Sequence Length	359
Source	Rat
Expression Host	Human Cells
Protein Construction	A DNA sequence encoding the rat NCR3LG1 (XP_006223356.1) (Met1-Ser308) was expressed with a polyhistidine tag at the C-terminus.
Endotoxin	< 1.0 EU per ug of the protein as determined by the LAL method
Predicted N-terminal	Met
Reconstitution	It is recommended that sterile water (200uL) be added to the vial to prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.
Preparation and Storage	**Storage:**Store it under sterile conditions at -20°C to -80°C upon receiving. We recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze/thaw cycles. **Stability:** Samples are stable for up to 12 months from date of receipt at -70°C.

ADDITIONAL INFORMATION

Related Product Information for B7-H6 / B7H6 / NCR3LG1 recombinant protein	B7 is a type of peripheral membrane protein found on activated antigen presenting cells (APC) that, when paired with either a CD28 or CD152 (CTLA-4) surface protein on a T cellm can produce a costimulatory signal or a coinhibitory signal to enhance or decrease the activity of a MHC-TCR signal between the APC and the T cell respectively. Binding of the B7 of APC to CTL-4 of T-cells causes inhibition of the activity of the T-cells. B7-H6 is a member of the B7 protein family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	564297507
NCBI GeneID	691092
NCBI Accession #	XP_006223356.1
NCBI GenBank Nucleotide #	XM_006223294.3
Molecular Weight	The recombinant rat NCR3LG1 consists 319 amino acids and predicts a molecular mass of 35.1kDa
NCBI Official Full Name	natural cytotoxicity triggering receptor 3 ligand 1 isoform X2
NCBI Official Synonym Full Names	natural killer cell cytotoxicity receptor 3 ligand 1

NCBI Official Symbol	Ncr3lg1
NCBI Protein Information	natural cytotoxicity triggering receptor 3 ligand 1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/b7-h6/-b7h6/-ncr3lg1-recombinant-protein/173597