NKMAXBiO we support you, we believe in your research Recombinant human CD27 Ligand/CD70 protein Catalog Number: ATGP2998

PRODUCT INFORMATION

Expression system E.coli

Domain 39-193aa

UniProt No. P32970

NCBI Accession No. NP_001243

Alternative Names CD70 antigen, CD27L, CD27LG, TNFSF7, tumor necrosis factor superfamily member 7

PRODUCT SPECIFICATION

Molecular Weight 19.5 kDa (178aa)

Concentration 1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

Purity

> 80% by SDS-PAGE

Tag His-Tag

Application SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

CD70 also known as CD70 antigen is cytokine that binds to CD27. This pretein plays a role in T-cell activation and induces the proliferation of costimulated T-cells and enhances the generation of cytolytic T-cells. Recombinant human CD70, fused to His-tag at N-terminus, was expressed in E. coli

Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH MGS>QRFAQAQ QQLPLESLGW DVAELQLNHT GPQQDPRLYW QGGPALGRSF LHGPELDKGQ LRIHRDGIYM VHIQVTLAIC SSTTASRHHP TTLAVGICSP ASRSISLLRL SFHQGCTIAS QRLTPLARGD



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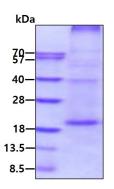
TLCTNLTGTL LPSRNTDETF FGVQWVRP

General References

Van Damme P.et al. (2012) Proc. Natl. Acad. Sci. u.S.A. 109:12449-12454.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.