

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 protein 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 SGLVPRGSH MGS>QRFAQAQ QQLPLESLGW DVAELQLNHT GPQQDPRLYW QGGPALGRSF LHGPELDKGQ LRIHRDGIYM VHIQVTLAIC SSTITASRHP TTLAVGICSP ASRSISLLRL SFHQGCTIAS QRLTPLARGD

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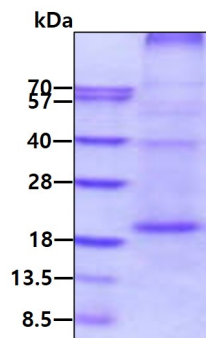
TLCTNLTGTL LPSRNTDET FGVQWVRP

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.