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# 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 LHGPELDKGO LRIHRDGIYM VHIQVTLAIC SSTTASRHHP TTLAVGICSP ASRSISLLRL SFHQGCTIAS QRLTPLARGD



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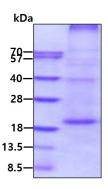
TLCTNLTGTL LPSRNTDETF FGVQWVRP

#### **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.

