

CD70, 39-193aa, Human, His tag, E.coli

Cat.NO.: TP01531

3th Edition

Synonyms:CD70 antigen, CD70L, CD70LG, TNFSF7

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

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

Molecular Weight:19.5kDa (178aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSQRFAQAQQQLPLESLGWDVAELQLNHTGPQQDPRLYWQGGPALGRSFLH
GPELDKGQLRIHRDGIYMVHIQVTLAICSSTTASRHPTTLAVGICSPASRSISLLRLSFHQGCTIASQRLTPLARGDT
LCTNLTGTLPSRNTDETFFGVQWVRP

Purity:> 95% by HPLC

Concentration:1mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.