

Recombinant Human CD70 molecule Protein, His tagged

Cat. No. CD70-001H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD70 Protein with His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	45-193 aa
Description	The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for TNFRSF27/CD27. It is a surface antigen on activated, but not on resting, T and B lymphocytes. It induces proliferation of costimulated T cells, enhances the generation of cytolytic T cells, and contributes to T cell activation. This cytokine is also reported to play a role in regulating B-cell activation, cytotoxic function of natural killer cells, and immunoglobulin synthesis.
Tag	C-His
Molecular Mass	18 kDa
AA Sequence	QQQLPLESLGWDVAELQLNHTGPQQDPRLYWQGGPALGRSFLHGPELDKGQLRIH RDGIYMVHIQVTLAICSSTTASRHHPTTLAVGICSPASRSISLLRSLFHQGCTIASQRL TPLARGDTLCTNLTGTLPSRNTDETFFGVQWVRPHHHHHHHH
Endotoxin	< 1 EU/μg by LAL

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Purity	> 90% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Sterile PBS, pH7.4
Concentration	0.75 mg/mL by BCA

GENE INFORMATION

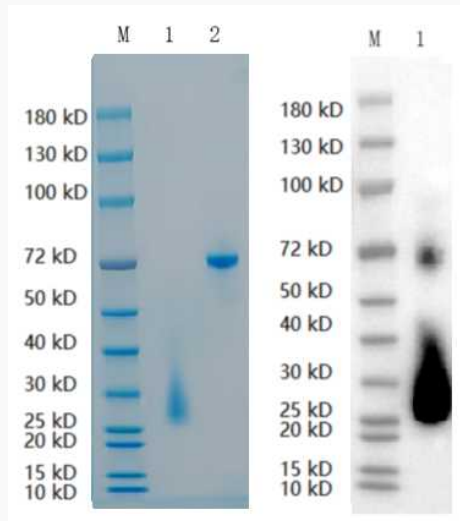
Gene Name	CD70 CD70 molecule [Homo sapiens (human)]
Official Symbol	CD70
Synonyms	CD70; CD70 molecule; CD27LG, TNFSF7, tumor necrosis factor (ligand) superfamily, member 7; CD70 antigen; CD27L; CD27-L; CD27 ligand; Ki-24 antigen; surface antigen CD70; tumor necrosis factor ligand superfamily member 7; tumor necrosis factor (ligand) superfamily, member 7; CD27LG; TNFSF7
Gene ID	970
mRNA Refseq	NM_001252
Protein Refseq	NP_001243
MIM	602840
UniProt ID	P32970

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**Reducing 4%-20%
SDS-PAGE (CBB
stained) and WB
(Anti-His Mouse
Monoclonal
antibody) analysis
profiles of purified
CD70.**



1. CD70: 1 μ g
2. BSA: 1 μ g

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