

Active GMP Recombinant Human CD70 protein

Cat. No. CD70-328HG Lot. No. (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human CD70 protein(NP_001243)(154 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human CD27 Ligand(UniProtKB/Swiss-Prot: P32970.2) was expressed with His tag at the C-terminal.
Form	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
Bio-activity	The concentration of immobilized Human CD27(Fc tag) is 1 ug/mL(100uL/well), and the linear binding range that can bind to CD27 Ligand(His tag) is 0.8-15ng/mL.
Molecular Mass	Recombinant Human CD27 Ligand protein contains 154 aa. It has a predicted MW of 18.8 kDa.
Endotoxin	<0.1EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	CD70 CD70 molecule [Homo sapiens]
Official Symbol	CD70
Synonyms	CD70; CD27LG; TNFSF7; TNFSF7G; CD27L
Gene ID	970
mRNA Refseq	NM_001252
Protein Refseq	NP_001243
MIM	602840
UniProt ID	P32970

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