

Datasheet for ABIN7562501
CD70 Protein (AA 1-195) (His tag)



[Go to Product page](#)

3 Images

Overview

Quantity:	1 mg
Target:	CD70
Protein Characteristics:	AA 1-195
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD70 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Cd70 Protein expressed in mammalian cells.
Sequence:	<p>MPEEGRPCPW VRWSGTAFQR QWPWLLLWVF ITVFCCWFHC SGLLSKQQQR LLEHPEPHTA ELQLNLTVPR KDPTLRWGAG PALGRSFTHG PELEEGHLRI HQDGLYRLHI QVTLANCSP GSTLQHRATL AVGICSPAAG GISLLRGRFG QDCTVALQRL TYLVHGDVLC TNLTPLLLPS RNADETFFGV QWICP Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalian cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and

Product Details

transmembrane proteins.

- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
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Grade:	custom-made
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Target Details

Target:	CD70
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Alternative Name:	Cd70 (CD70 Products)
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Background:	CD70 antigen (CD27 ligand) (CD27-L) (Tumor necrosis factor ligand superfamily member 7) (CD antigen CD70),FUNCTION: Cytokine which is the ligand for CD27. The CD70-CD27 pathway plays an important role in the generation and maintenance of T cell immunity, in particular during antiviral responses. Upon CD27 binding, induces the proliferation of costimulated T-cells and enhances the generation of cytolytic T-cells. {ECO:0000269 PubMed:9620608}.
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Molecular Weight:	21.9 kDa
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UniProt:	O55237
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Pathways:	Cancer Immune Checkpoints
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Application Details

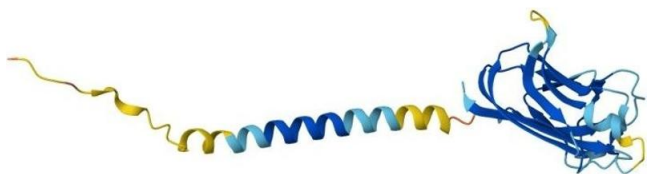
Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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Handling

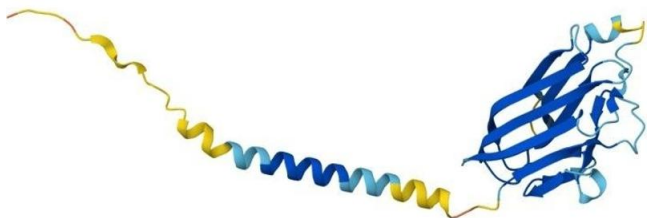
Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months

Images



Protein Structure

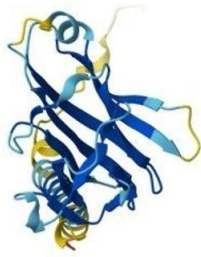
Image 1. AlphaFold protein structure prediction of Mouse Recombinant Cd70 Protein, UniprotID O55237



Protein Structure

Image 2. AlphaFold protein structure prediction of Mouse Recombinant Cd70 Protein, UniprotID O55237





Protein Structure

Image 3. AlphaFold protein structure prediction of Mouse Recombinant Cd70 Protein, UniprotID O55237

