

Datasheet for ABIN7553157
CD69 Protein (CD69) (AA 1-199) (His tag)



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3 Images

Overview

Quantity:	1 mg
Target:	CD69
Protein Characteristics:	AA 1-199
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD69 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CD69 Protein expressed in mammalian cells.
Sequence:	<p>MSSENCFAE NSSLHPESGQ ENDATSPHFS TRHEGSFQVP VLCAVMNVVF ITILIALIA LSVGQYNCPG QYTFSMPSDS HVSSCEDWV GYQRKCYFIS TVKRSWTSQA NACSEHGATL AVIDSEKDMN FLKRYAGREE HWVGLKKEPG HPWKWSNGKE FNNWFNVTGS DKCVFLKNTE VSSMECEKNL YWICNKPYPK 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)
Grade:	custom-made

Target Details

Target:	CD69
Alternative Name:	CD69 (CD69 Products)
Background:	Early activation antigen CD69 (Activation inducer molecule) (AIM) (BL-AC/P26) (C-type lectin domain family 2 member C) (EA1) (Early T-cell activation antigen p60) (GP32/28) (Leukocyte surface antigen Leu-23) (MLR-3) (CD antigen CD69),FUNCTION: Involved in lymphocyte proliferation and functions as a signal transmitting receptor in lymphocytes, natural killer (NK) cells, and platelets.
Molecular Weight:	22.6 kDa
UniProt:	Q07108

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.
Restrictions:	For Research Use only

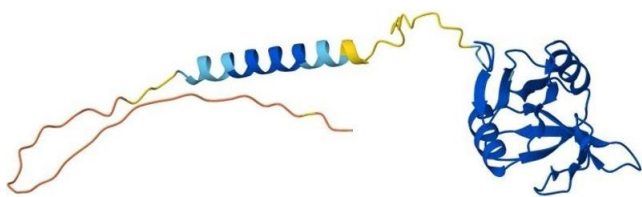
Handling

Format:	Liquid
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Handling

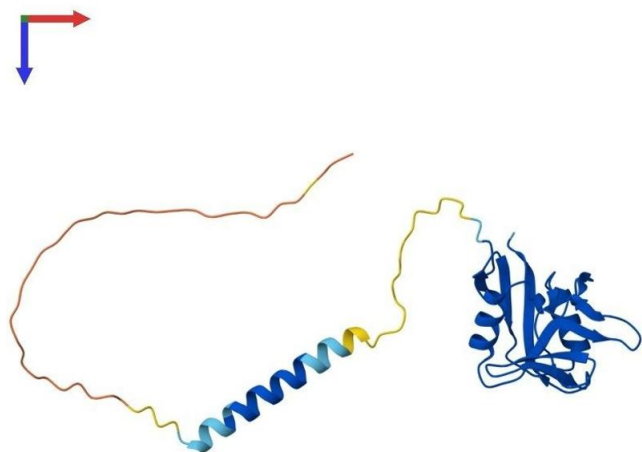
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months

Images



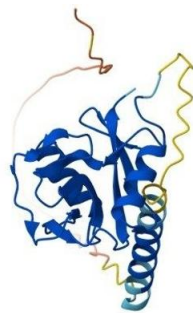
Protein Structure

Image 1. AlphaFold protein structure prediction of Human Recombinant CD69 Protein, UniprotID Q07108



Protein Structure

Image 2. AlphaFold protein structure prediction of Human Recombinant CD69 Protein, UniprotID Q07108



Protein Structure

Image 3. AlphaFold protein structure prediction of Human Recombinant CD69 Protein, UniprotID Q07108