

Datasheet for ABIN7563234

TNFSF9 Protein (AA 1-309) (His tag)



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3 Images

Overview

Quantity:	1 mg
Target:	TNFSF9
Protein Characteristics:	AA 1-309
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFSF9 protein is labelled with His tag.

Product Details

Purpose:	Predefined custom protein recombinant Tnfsf9 Protein expressed in mammalian cells.
Sequence:	MDQHTLDVED TADARHPAGT SCPSDAALLR DTGLLADAAL LSDTVPTNA ALPTDAAYPA VNVRDREAAW PPALNFCSRH PKLYGLVALV LLLIAACVP IFTRTEPRPA LTITTSPNLG TRENNADQVT PVSHIGCPNT TQQGSPVFAK LLAQNQASLC NTTLNWHSQD GAGSSYLSQG LRYEEDKKEL VVDSPGLYYV FLELKLSPTE TNTGHKVQGW VSLVLQAKPQ VDDFDNLALT VELFPCSMEN KLVDRSWSQL LLLKAGHRLS VGLRAYLHGA QDAYRDWELS YPNTTSFGLF LVKPDNPWE Sequence without tag. The proposed Strep-Tag is based on experience with the expression system. Our team may suggest an additional tag depending on the complexity of the protein. If you have a special request, please contact us.
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:	Key Benefits:

Product Details

- Predefined custom 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 transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a predefined 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 predefined custom 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:	TNFSF9
Alternative Name:	Tnfsf9 (TNFSF9 Products)
Background:	Tumor necrosis factor ligand superfamily member 9 (4-1BB ligand) (4-1BBL),FUNCTION: Cytokine that binds to TNFRSF9. Induces the proliferation of activated peripheral blood T-cells. May have a role in activation-induced cell death (AICD). May play a role in cognate interactions between T-cells and B-cells/macrophages.
Molecular Weight:	33.9 kDa
UniProt:	P41274
Pathways:	Activated T Cell Proliferation, Cancer Immune Checkpoints

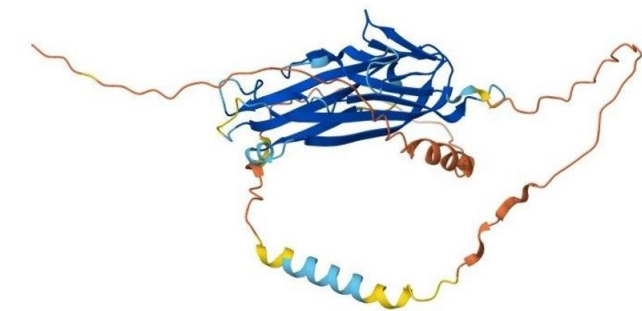
Application Details

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

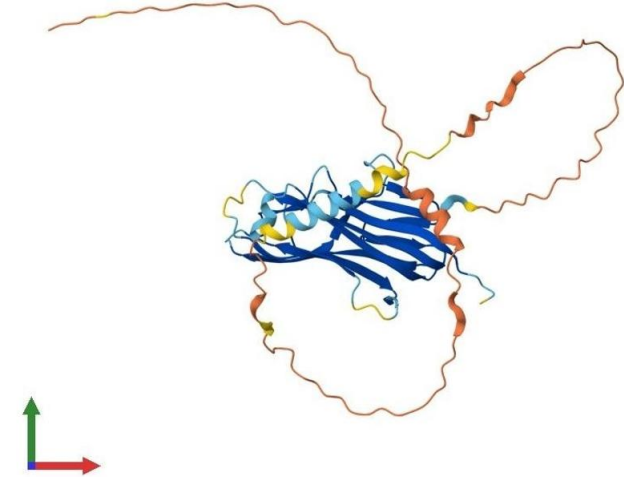
Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months

Images



Protein Structure

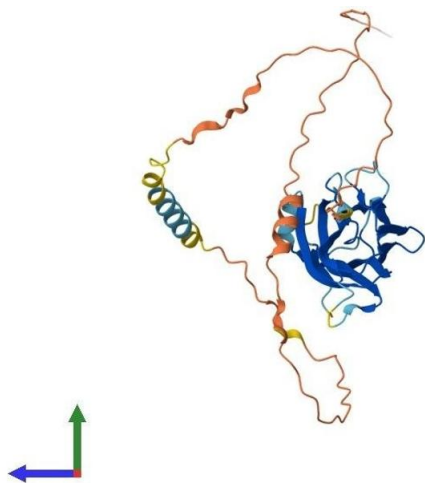
Image 1. AlphaFold protein structure prediction of Mouse Recombinant Tnfsf9 Protein, UniprotID P41274



Protein Structure

Image 2. AlphaFold protein structure prediction of Mouse Recombinant Tnfsf9 Protein, UniprotID P41274





Protein Structure

Image 3. AlphaFold protein structure prediction of Mouse Recombinant Tnfsf9 Protein, UniprotID P41274