

Datasheet for ABIN7544465

TNFSF4 Protein (AA 1-183) (His tag)



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3 Images

Overview

Quantity:	1 mg
Target:	TNFSF4
Protein Characteristics:	AA 1-183
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFSF4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TNFSF4 Protein expressed in mammalian cells.
Sequence:	<p>MERVQPLEEN VGNAARPRFE RNKLLLVASV IQGLGLLLCF TYICLHFSAL QVSHRYPRIQ</p> <p>SIKVQFTEYK KEKGFIITSQ KEDEIMKVQN NSVIINCDGF YLISLKGYS QEVNLSLHYQ</p> <p>KDEEPLFQLK KVRSVNSLMV ASLTYKDKVY LNVTTDNTSL DDFHVNGGEL ILIHQNPGEF CVL</p> <p>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:	TNFSF4
Alternative Name:	TNFSF4 (TNFSF4 Products)
Background:	Tumor necrosis factor ligand superfamily member 4 (Glycoprotein Gp34) (OX40 ligand) (OX40L) (TAX transcriptionally-activated glycoprotein 1) (CD antigen CD252),FUNCTION: Cytokine that binds to TNFRSF4. Co-stimulates T-cell proliferation and cytokine production.
Molecular Weight:	21.1 kDa
UniProt:	P23510
Pathways:	Cellular Response to Molecule of Bacterial Origin , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , 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

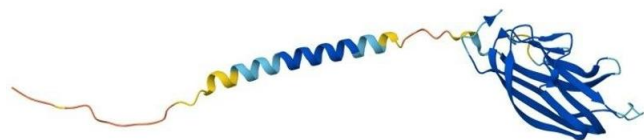
Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months

Images



Protein Structure

Image 1. AlphaFold protein structure prediction of Human Recombinant TNFSF4 Protein, UniprotID P23510



Protein Structure

Image 2. AlphaFold protein structure prediction of Human Recombinant TNFSF4 Protein, UniprotID P23510





Protein Structure

Image 3. AlphaFold protein structure prediction of Human Recombinant TNFSF4 Protein, UniprotID P23510

