

Datasheet for ABIN7556266

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

3 Images



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	BAFF (TNFSF13B)
Protein Characteristics:	AA 1-309
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BAFF protein is labelled with His tag.

Product Details

Purpose:	Predefined custom protein recombinant Tnfsf13b Protein expressed in mammalian cells.
Sequence:	<p>MDESAKTLPP PCLCFCSEKG EDMKVGYPDPI TPQKEEGAWF GICRDGRLLA ATLLLALLSS</p> <p>SFTAMSLYQL AALQADLMNL RMELQSYRGS ATPAAAGAPE LTAGVKLLTP AAPRPHNSSR</p> <p>GHRNRRAFQG PEETEQDVDL SAPPAPCLPG CRHSQHDDNG MNLRNIIQDC LQLIADSDTP</p> <p>TIRKGTYTFV PWLLSFKRGN ALEEKENKIV VRQTGYFFIY SQVLYTDPIF AMGHVIQRKK</p> <p>VHVFGDELSL VTLFRCIQNM PKTLPNNSCY SAGIARLEEG DEIQLAIPRE NAQISRNGDD</p> <p>TFFGALKLL 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.</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:	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:	BAFF (TNFSF13B)
Alternative Name:	Tnfsf13b (TNFSF13B Products)
Background:	<p>Tumor necrosis factor ligand superfamily member 13B (B-cell-activating factor) (BAFF) (CD antigen CD257) [Cleaved into: Tumor necrosis factor ligand superfamily member 13b, membrane form, Tumor necrosis factor ligand superfamily member 13b, soluble form],FUNCTION: Cytokine that binds to TNFRSF13B/TACI and TNFRSF17/BCMA. TNFSF13/APRIL binds to the same 2 receptors. Together, they form a 2 ligands -2 receptors pathway involved in the stimulation of B- and T-cell function and the regulation of humoral immunity. A third B-cell specific BAFF-receptor (BAFFR/BR3) promotes the survival of mature B-cells and the B-cell response. {ECO:0000269 PubMed:12867412}., FUNCTION: Isoform 2 seems to inhibit isoform 1 secretion and bioactivity. {ECO:0000269 PubMed:12867412}.</p>
Molecular Weight:	34.2 kDa
UniProt:	Q9WU72
Pathways:	NF-kappaB Signaling , Production of Molecular Mediator of Immune Response

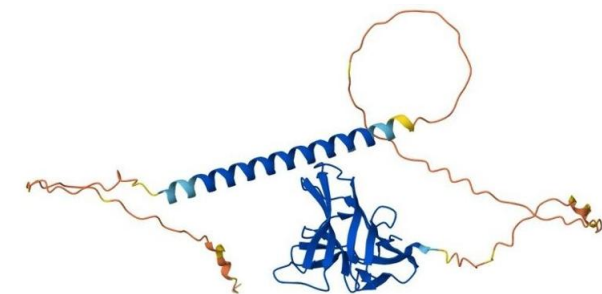
Application Details

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

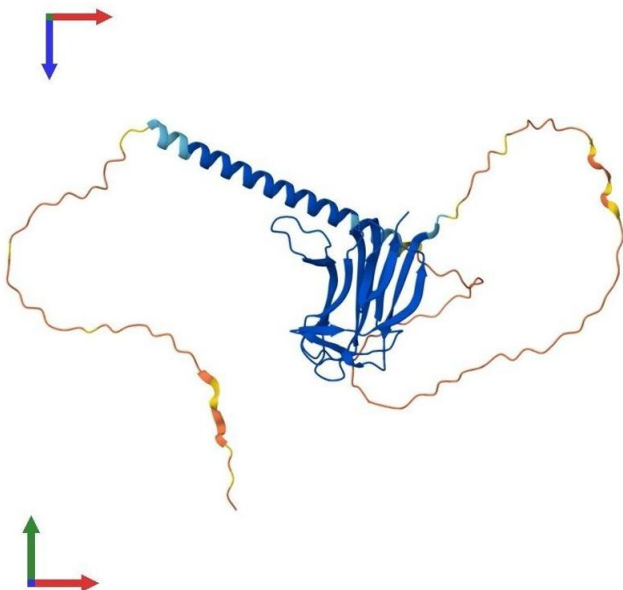
Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months

Images



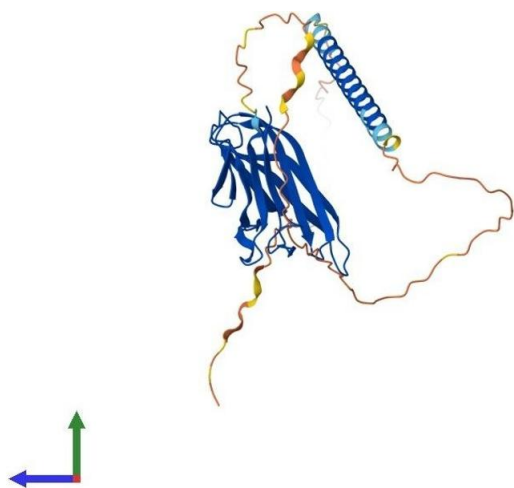
Protein Structure

Image 1. AlphaFold protein structure prediction of Mouse Recombinant Tnfsf13b Protein, UniprotID Q9WU72



Protein Structure

Image 2. AlphaFold protein structure prediction of Mouse Recombinant Tnfsf13b Protein, UniprotID Q9WU72



Protein Structure

Image 3. AlphaFold protein structure prediction of Mouse Recombinant Tnfsf13b Protein, UniprotID Q9WU72