

Datasheet for ABIN7544425  
**TWEAK Protein (AA 1-249) (His tag)**



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## Overview

Quantity:	1 mg
Target:	TWEAK (TNFSF12)
Protein Characteristics:	AA 1-249
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TWEAK protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant TNFSF12 Protein expressed in mammalian cells.
Sequence:	MAARRSQRRR GRRGEPGTAL LVPLALGLGL ALACLGLLLA VVSLGSRASL SAQEPAQEEL VAEEDQDPSE LNPQTEESQD PAPFLNRLVR PRRSAPKGRK TRARRAIAAH YEVHPRPGQD GAQAGVDGTV SGWEEARINS SSPLRYNRQI GEFIVTRAGL YYLYCQVHFD EGKAVYLKLD LLVDGVLALR CLEEFSAATAA SSLGPQLRLC QVSGLLALRP GSSLRIRTLP WAHLKAAPFL TYFGLFQVH <b>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.</b>
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: <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li></ul>

## Product Details

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- 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 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.

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

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## Target Details

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Target:	TWEAK (TNFSF12)
Alternative Name:	<a href="#">TNFSF12 (TNFSF12 Products)</a>
Background:	Tumor necrosis factor ligand superfamily member 12 (APO3 ligand) (TNF-related weak inducer of apoptosis) (TWEAK) [Cleaved into: Tumor necrosis factor ligand superfamily member 12, membrane form, Tumor necrosis factor ligand superfamily member 12, secreted form],FUNCTION: Binds to FN14 and possibly also to TNRF5/ADAM10. Weak inducer of apoptosis in some cell types. Mediates NF-kappa-B activation. Promotes angiogenesis and the proliferation of endothelial cells. Also involved in induction of inflammatory cytokines. Promotes IL8 secretion. {ECO:0000269 PubMed:10085077, ECO:0000269 PubMed:23667509}.
Molecular Weight:	27.2 kDa
UniProt:	<a href="#">O43508</a>
Pathways:	<a href="#">Apoptosis</a>

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## Application Details

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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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## Application Details

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Restrictions: For Research Use only

## Handling

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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