

Datasheet for ABIN7560977
Terb2 Protein (AA 1-218) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Terb2 (TERB_2)
Protein Characteristics:	AA 1-218
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Terb2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Terb2 Protein expressed in mammalian cells.
Sequence:	MFQGQRGWFC GSVSQDLRQI WEDEGGMVSD VKAADFLFSC DASHPDTLRI YQSLEYIEDN ATVFHAYYLA AIANTEMKNS VALGHFVLPP ACLQKEIRRK IGSFIWEQDE KFQIEKHDRM ASSDKENIRP TPEHKQELSK SAEHHLTRTP VIEKQMCFPL HSYVNNMVT GYISIDALEK FLGELHDFTP GSSGYLAYHI QDEINMSAIK NKLRRKLS 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.
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">• Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- 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.

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

Target Details

Target:	Terb2 (TERB_2)
Alternative Name:	Terb2 (TERB_2 Products)
Background:	<p>Telomere repeats-binding bouquet formation protein 2,FUNCTION: Meiosis-specific telomere-associated protein involved in meiotic telomere attachment to the nucleus inner membrane, a crucial step for homologous pairing and synapsis. Component of the MAJIN-TERB1-TERB2 complex, which promotes telomere cap exchange by mediating attachment of telomeric DNA to the inner nuclear membrane and replacement of the protective cap of telomeric chromosomes: in early meiosis, the MAJIN-TERB1-TERB2 complex associates with telomeric DNA and the shelterin/telosome complex. During prophase, the complex matures and promotes release of the shelterin/telosome complex from telomeric DNA.</p> <p>{ECO:0000269 PubMed:26548954}.</p>
Molecular Weight:	25.0 kDa
UniProt:	Q9D494

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for
--------------------	--

Application Details

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
