

Datasheet for ABIN7561883  
**TBKBP1 Protein (AA 1-611) (His tag)**



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## Overview

Quantity:	1 mg
Target:	TBKBP1
Protein Characteristics:	AA 1-611
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TBKBP1 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Tbkbp1 Protein expressed in mammalian cells.
Sequence:	MESMFEDDIS ILTQEALGPS EVWLDGPGDP SLGGDMCSAS HFALITAYGD IKERLGGLE ENATLRRRLK VYEIKYPLIT DFGEEHGFPL YELKDGSLLE VEKVSLLQRL NQFQHELQKS KEQEEQLGEM IQAYEKLCVE KSDLETELGE MRALVETHLR QICGLEKQLQ QQOGLRDAAF SSLSPPAVPA SACPDLDLHY LALRGGPALG HAGWPGPSTV SVSELERRRL EEALEAAQGE ARGAQLREEQ LQAECERLQG ELKQLQETRA QDLASNQSEC DMAWVKRVGD DQVNLALAYT ELTEELGRLR ELSSLQGRIL RTLLQEQARN AGQRHSPLSQ RHSPAPACPS PSPPARPPPC APCQSPAAQR RSPVPPCPSP QRRSPASPS CPSPVPQRRS PVPPSCQSPS PQRSPVPPS CPAPQPRPPP PPGERTLAER VYAKPPSHHA KAGFQGRRSY SELAEGAAYA GASPAWLQAE AATLPKPRAY GGELYGRPLS PRRAFEGIRL RFEKQPSEEE EWAMPASPPS PEAGTIRCAS FCAGFPIPES PAATAYAHAE HAQSWPSINL LMETVGSDIR SCPLCQLGFP VGYRDDALIK HIDSHLENSK   <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make</b>

## Product Details

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**another tag necessary. In case you have a special request, please contact us.**

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**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.

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**Characteristics:** **Key Benefits:**

- 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 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)

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**Grade:** custom-made

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## Target Details

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**Target:** TBKBP1

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**Alternative Name:** Tbkbp1 ([TBKBP1 Products](#))

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**Background:** TANK-binding kinase 1-binding protein 1 (TBK1-binding protein 1) (Similar to NAP1 TBK1 adapter),FUNCTION: Adapter protein which constitutively binds TBK1 and IKBKE playing a role in antiviral innate immunity. Essential for the efficient induction of IRF-dependent transcription following infection with Sendai virus. {ECO:0000269|PubMed:17568778}.

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**Molecular Weight:** 67.0 kDa

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**UniProt:** [A2A9T0](#)

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**Pathways:** [SARS-CoV-2 Protein Interactome](#)

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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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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months