

Datasheet for ABIN7557259  
**KBTBD8 Protein (AA 1-599) (His tag)**



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## Overview

Quantity:	1 mg
Target:	KBTBD8
Protein Characteristics:	AA 1-599
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KBTBD8 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Kbtbd8 Protein expressed in mammalian cells.
Sequence:	MAASADLSKS SPTPNGIPSS DTANDTMDPF HACSILKQLK TMYDEGQLTD IVEVDHGKT FSCHRNVLAA ISPYFRSMFT SGLTESTQKE VRIIGVEAES MDLVLNYAYT SRVILTEANV QALFTTASIF QIPSIQDQCA KYMISHLDPQ NSIGVFIFAD HYGHQELGDR SKEYIRKKFL CVTKEQEFLQ LTKDQLISIL DSDDLNV DRE EHVYESIIRW FEHEQSEREV HLPEIFAKCI RFPLMEDTFI EKIPPQFAQA IVKSCGEP SN TSGCTQRLGM TASEMIICFD AAHKHSGKKQ TVPCLDIVTG RVFKLCKPPN DLREVGILVS PDNDIYIAGG YRPSSSEVSI DHKAENDFWM YDHSTNRWLS KPSLLRARIG CKLVYCCGKM YAIGGRVYEG DGRNSLKSVE CYDSRENCWM TVCAMPVAME FHNAVEHKEK IYVLQGEFFL FYEPQKDYWG FLTPMTVPRI QGLAAVYKDS IYYIAGTCGN HQRVFTVEAY DIELNKWTRK KDFPCDQSIN PYLKLVL FQN KLHLFVRATQ VTVEEHIFRT SRKNSLYQYD DIADQWMKVY ETPDRLWDLG RHFECVAKL YPQCLQKVL

**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.**

## Product Details

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### **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:**

- 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.

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

**Grade:** custom-made

## Target Details

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**Target:** KBTBD8

**Alternative Name:** Kbtbd8 ([KBTBD8 Products](#))

**Background:** Kelch repeat and BTB domain-containing protein 8,FUNCTION: Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin ligase complex that acts as a regulator of neural crest specification. The BCR(KBTBD8) complex acts by mediating monoubiquitination of NOLC1 and TCOF1: monoubiquitination promotes the formation of a NOLC1-TCOF1 complex that acts as a platform to connect RNA polymerase I with enzymes responsible for ribosomal processing and modification, leading to remodel the translational program of differentiating cells in favor of neural crest specification. {ECO:0000250|UniProtKB:Q8NFY9}.

**Molecular Weight:** 68.7 kDa

**UniProt:** [Q3UQV5](#)

## 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

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