

Datasheet for ABIN7555782  
**THAP9 Protein (AA 1-903) (His tag)**



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## Overview

Quantity:	1 mg
Target:	THAP9
Protein Characteristics:	AA 1-903
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This THAP9 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant THAP9 Protein expressed in mammalian cells.
Sequence:	MTRSCSAVGC STRDTVLSRE RGLSFHQFPT DTIQRSKWIR AVNRVDPRSK KIWIPGPGAI LCSKHFQESD FESYGIRRKL KKGAVPSVSL YKIPQGVHLK GKARQKILKQ PLPDNSQEVA TEDHNYSLKT PLTIGA EKLA EVQQMLQVSK KRLISVKNYR MIKKRKGRLR IDALVEEKLL SEETECLLRA QFSDFKWELY NWRETDEYSA EMKQFACTLY LCSSKVYDYV RKILKLPHSS ILRTWLSKCQ PSPGFNSNIF SFLQRRVENG DQLYQYCSLL IKSMPLKQQL QWDPSSHSLO GFMDFGLGKL DADETPLEASE TVLLMAVGIF GHWRTPLGYF FVNRASGYLQ AQLRLRTIGK LSDIGITVLA VTSDATAHSV QMAKALGIHI DGDDMKCTFQ HPSSSSQIA YFFDSCHLLR LIRNAFQNFQ SIQFINGIAH WQHLVELVAL EEQELSNMER IPSTLANLKN HVLKVNSATQ LFSESVASAL EYLLSLDLPP FQNCIGTIHF LRLINNLFDI FNSRNCYGKG LKGPLLPETY SKINHVLIEA KTIFVTLSDT SNNQIIK GKQ KLGFLGFLN AESLKWLYQN YVFPKVMPPF YLLTYKFSHD HLELFLKMLR QVLVTSSSPT CMAFQKAYYN LETRYKFQDE VFLSKVSIFD ISIARRKDLA LWTVQRQYGV SVTKTVFHEE GICQDWSHCS LSEALLDLSH HRRNLICYAG

## Product Details

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YVANKLSALL TCEDCITALY ASDLKASKIG SLLFVKKKNG LHFPSESLCR VINICERVVR  
THSRMAIFEL VSKQRELYLQ QKILCELSGH INLFVDVKNH LFDGEVCAIN HFVKLLKDII  
ICFLNIRAKN VAQNPLKHHS ERTDMKTLR KHWSSVQDYK CSSFANTSSK FRHLLSNDGY PFK

**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.**

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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

## Target Details

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Target: THAP9

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Alternative Name: THAP9 ([THAP9 Products](#))

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Background: DNA transposase THAP9 (EC 2.7.7.-) (THAP domain-containing protein 9) (hTh9),FUNCTION: Active transposase that specifically recognizes the bipartite 5'-TXXGGGX(A/T)-3' consensus motif and mediates transposition. {ECO:0000269|PubMed:20010837, ECO:0000269|PubMed:23349291}.

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## Target Details

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Molecular Weight: 103.4 kDa

UniProt: [Q9H5L6](#)

## 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.

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