

Datasheet for ABIN7563634

## TEX11 Protein (AA 1-947) (His tag)



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### Overview

Quantity:	1 mg
Target:	TEX11
Protein Characteristics:	AA 1-947
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TEX11 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

### Product Details

Purpose:	Custom-made recombinat Tex11 Protein expressed in mammalian cells.
Sequence:	<p>MDRITDFYFL DFRESVKTLI ITGNSWRLQE MIDRFFTNIS NFNRESLTEI QNIQIEEIAV</p> <p>NLWNWAVTKR VELSVRKNQA AKLCYIACKL VYMHGISVSS EEAIQRQILM NIKTGKEWLY</p> <p>TGNAQIADEF FQAAMTDLER LYVRLMQSCY TEANVCVYKM IVEKGIFHVL SYQAESAVAQ</p> <p>GDFKKASMCV LRCKDMLMRL PNMTKYLVHL CYNLGEASK RNKYKESSFW LGQSYEIGKM</p> <p>DRRSVEPQML AKTLRLLATI YLNCGGGEAYY TKAFIAILIA NKEHLHPAGL FLKMRILMKG</p> <p>NSCNEELLEA AKEILYLAMP LEFYLSIIQF LIDNKRESVG FRFLRIISDN FKSPEDRKRI LLFYIDTLLQ</p> <p>KDQDMIAEEK IKDVLKGYQT RSRLSRDLVN WLHNILWGKA SRSVKVQKYA DALHWYSYSL</p> <p>KLYEYDKADL DLIKLKRNMV SCYLSLKQLD KAKEAIAEVE QKDPHVFTF YYIFKIAIME</p> <p>GDAFRALQVV SALKKSLMDG ESEDRGLIEA GVSTLTILSL SIDFALENGQ QFVAERALEY</p> <p>LCQLSKDPKE VLGGLKCLMR IILPQAFHMP ESEYKKKEMG RLWNYLNTAL LKFSEYFNEA</p> <p>PSTLDYMVND ANWFRKIAWN LAVQSEKDLE AMKNFFMVSY KLSLFCPLDQ GLLIAQKTCL</p>

## Product Details

LVAAAVDLDR GRKAPTICEQ NMLLRTALEQ IKKCKKVWNL LKKTGDFSGD DCGVLLLLYE  
FEVKTKTNDP SLRFVDSVW KMPDLECTRL ETMALLAMDK PAYYPTIAHK AMKKLLLMYR  
KQEPVDVLKY SVCMHNLIKL LVADEVWNIS LYPLKEVQSH FKNTLSIIRQ NEGYPEEEIV  
WLMIKSWNIG ILMSSKNKYI SAERWAAMAL DFLGHLSTLK TSYEAKVNLL YANLMEILDK  
KTDLRSTEMT EQLRALIVPP EDQGSVSSTN VAAQNHL **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.**

### 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, Western Blot

### Grade:

custom-made

## Target Details

### Target:

TEX11

### Alternative Name:

Tex11 ([TEX11 Products](#))

### Background:

Testis-expressed protein 11 (Protein ZIP4 homolog) (ZIP4H),FUNCTION: Regulator of crossing-over during meiosis. Involved in initiation and/or maintenance of chromosome synapsis and formation of crossovers. {ECO:0000269|PubMed:18316482, ECO:0000269|PubMed:18369460}.

### Molecular Weight:

109.6 kDa

## Target Details

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UniProt: [Q14AT2](#)

## Application Details

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Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. 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