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## Datasheet for ABIN1674783 TBX3 Protein (AA 1-743) (His tag)

### Overview

Quantity:	1 mg
Target:	TBX3
Protein Characteristics:	AA 1-743
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TBX3 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MSLSMRDPVI PGTSMAYHPF LPHRAPDFAM SAVLGHQPPF FPALTLPNG AAALSLPGAL</p> <p>AKPIMDQLVG AAETGIPFSS LGPQAHRLPL KTMEPEEDVE DDPKVHLEAK ELWDQFHKRG</p> <p>TEMVITKSGR RMFPPFKVRC SGLDKKAKYI LLMDIAADD CRYKFHNSRW MVAGKADPEM</p> <p>PKRMYIHPDS PATGEQWMSK VVTFHKLKLT NNISDKHGFT LAFPSDHATW QGNYSFGTQT</p> <p>ILNSMHKYQP RFHIVRANDI LKLPYSTFRT YLFPETEFIA VTAYQNDKIT QLKIDNNPFA</p> <p>KGFRDTGNR REKRKQLTLQ SMRVFDERHK KETGTSDESS SEQAAFNCF A QASSPAVSTV</p> <p>GTSNLKDLCP SEAESDAEAE SKEEHGPEAC DTAKISTTTA EEPGRDKGSP ATRAQLFAE</p> <p>PSRARDTARL DKASPD SRHS PATISSSTRV PGADEHRSPG REGPVSAKVD EARALPAKDA</p> <p>FAPLSVQTDA TAHLTQGPLP GLGFAPGLAG QQFFNGHPLF LHPGQFAMGG AFSSMAAGMG</p> <p>PLLATVSGAS TGVSGLDSTA MASAAAAQGL SGASAATLPF HLQQHVLA SQ GLAMSPFGSL</p> <p>FPYPYTYMAA AAAASSAAA SSVHRHPFLN LNSMRPRLRY SPYSIPVPVP DSSSLLATAL</p> <p>PSMASAAGPL DGKSAVLAAS PASVAVDSGS ELNSRSSTLS SGSVSLSPKL CSEKAATSE</p>
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## Product Details

LQSIQRLVSG LEAKPDRSCS GSP

Specificity: Rattus norvegicus (Rat)

Characteristics: Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

## Target Details

Target: TBX3

Alternative Name: T-box transcription factor TBX3 (Tbx3) ([TBX3 Products](#))

Background: Recommended name: T-box transcription factor TBX3.  
Short name= T-box protein 3

UniProt: [Q7TST9](#)

Pathways: [Hormone Transport](#), [Stem Cell Maintenance](#), [Regulation of Muscle Cell Differentiation](#), [Skeletal Muscle Fiber Development](#)

## Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

## Handling

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Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.