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## Datasheet for ABIN1633203 TSEN2 Protein (AA 1-463) (His tag)

### Overview

Quantity:	1 mg
Target:	TSEN2
Protein Characteristics:	AA 1-463
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TSEN2 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MAEAVFRAPK RKRRVYESYE SPLPIFSQD QSPRKEFRIF QAEMISNNVV VRGTEDMEQL YGKGYFGKGI LSRSRPNFTI SNPKLAARWK GVQTDMPIT SEKYQHRVEW ARDFMRRQGH DESTVQKILT DYTEPLEPPY RERKGESQPH EPLSSKADSS LEGREGKDEL SVTTGGAGQS DDLQGLNTHS DCRQEGPGHA TLTVASPSL NGHAIEDPEA LSQIPCCSQE ALGQQDDLWP EASSQIAGES RAAHEYVLIE EELCDVQEGA APHDELLKRK RLVCCRNPYR IFEYLQLSLE EAFFLAYALG CLSIYYEKEP LTIVKLWQAF TAVQPTFRIT YMAYHYFRSK GWVPKVGLKY GTDLLLYRKG PPFYHASYSV IIELVDDNFE GSLRRPFSWK SLAALSRVSG NVSKELMLCY LIKPSTMTNE DMETPECMRR IQVQEVILSR WVSSRERSDQ DEL
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.

## Product Details

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Purity: > 90 %

## Target Details

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Target: TSEN2

Abstract: [TSEN2 Products](#)

Background: Recommended name: tRNA-splicing endonuclease subunit Sen2.  
EC= 3.1.27.9.  
Alternative name(s): tRNA-intron endonuclease Sen2

UniProt: [Q5M954](#)

Pathways: [Nuclear Receptor Transcription Pathway](#), [Regulation of Lipid Metabolism by PPARalpha](#)

## Application Details

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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 modiflicated 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

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Format: Lyophilized

Concentration: 0.2-2 mg/mL

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

## Handling

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Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.