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Datasheet for ABIN7557456  
**TSR3 Protein (AA 1-323) (His tag)**

## Overview

Quantity:	1 mg
Target:	TSR3
Protein Characteristics:	AA 1-323
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TSR3 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Tsr3 Protein expressed in mammalian cells.
Sequence:	MGRKKVARGS RKESGRVRRP SGRSLDAFAE EVGAALRASV QPEEAEDQGG PGPAALPCAL AMWELGHCDP KRCTGRKLAR LGLVRCLRLS QRFGLVLSV VGTEYVSPAD RQLVAQSGVA VIDCSWAKLD DTPFQKMRGS HLRLLPYLVA ANPVNYGRPC KLSCVEAFAA AFCIVGFSDL AVILLRKFKW GKGFLDLNRE LLDKYAACRG PEEVLQAEQG YLASTRDTPE EDIDPFVDS GREFVNLNRP VASTRLPEDM DDTDGSEEHS EDSEEDSDEC EEPGPGANGG DSNYSGAEET PEQEAQARDS TEIWKGIKKR QRD <b>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.</b>
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:

## Product Details

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- 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)
Grade:	custom-made

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## Target Details

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Target:	TSR3
Alternative Name:	Tsr3 ( <a href="#">TSR3 Products</a> )
Background:	18S rRNA aminocarboxypropyltransferase (EC 2.5.1.-) (20S S rRNA accumulation protein 3 homolog),FUNCTION: Aminocarboxypropyltransferase that catalyzes the aminocarboxypropyl transfer on pseudouridine at position 1248 (Psi1248) in 18S rRNA. It constitutes the last step in biosynthesis of the hypermodified N1-methyl-N3-(3-amino-3-carboxypropyl) pseudouridine (m1acp3-Psi) conserved in eukaryotic 18S rRNA. {ECO:0000250 UniProtKB:Q9UJK0}.
Molecular Weight:	35.3 kDa
UniProt:	<a href="#">Q5HZH2</a>

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## 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

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## 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