

Datasheet for ABIN7557547
TSR1 Protein (AA 1-803) (His tag)



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Overview

Quantity:	1 mg
Target:	TSR1
Protein Characteristics:	AA 1-803
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TSR1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Tsr1 Protein expressed in mammalian cells.
Sequence:	MAAHRSGPLK QQNKAHKGGR HHGGGSAQRD SKGRVGPIL CKKLRQLSR IDQRHRASQL RKQKRESVLA EKRQLGSKDG PPHQVLVPL HSRISLPEAF KLLQNEGLGT VYLSERGSTQ SFMLLCPSLK HRWFFTYARP GDLHTLLDMA KVADTILFLL DPLEGWDSTG DYCLSCLFAQ GLPTYTLAVQ GLSGFPPKKQ IDARKKLSKM VEKRFPEKDL LLLDTQQESG MLLRQLANQK QRHLAFRRR AYLFAHVADF VPSEESDLVG TLKISGYVRG RTLNVNSSLH IVGHGDFQMN QIDAPVDFPF LNPRVKSQK KPNMAMEVCV TDAAPDMEED LKVLKADPD HQESLQTEAI PDPMEGEQW PTEELDEAD DLLKQRSRVV KKVPKGTSSY QAEWILDEGD ESDGEGGEYD DIQHEGFMEE ESQDGSSEEE EEEETMTLG ESVRDDLYDE KVDAEDEERM LEKYKQERLE EMFPDEMTP RDVAARIRFQ KYRGLKSFRT SPWDPKENLP RDYARIFQFQ NFNTRKRIF KEIEEKEAEG AEVGYVTLH VSDVPVSVVE YFRQGAPLIA FLLPYEQKM SVLNMMVSRN PGNTEPVKAK EELIFHCGFR RFRASPLFSQ HTAADKHKFQ RFLTADAAV VTFVAPITFP PASVLLFKQR RINGMHSLIAT GHLFSVDPDR MVIKRVVLSG HPFKIFTKMA VVRYMFFNRE

Product Details

DVMWFKPVEL RTKWGRRGHI KEPLGTHGHM KCSFDGKLS QDTVLMNLYK RVFPKWYDP
YVPEVPWVK SDISSTVSEV DME **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.**

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:**

- 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: TSR1

Alternative Name: Tsr1 ([TSR1 Products](#))

Background: Pre-rRNA-processing protein TSR1 homolog,FUNCTION: Required during maturation of the 40S ribosomal subunit in the nucleolus. {ECO:0000250}.

Molecular Weight: 92.1 kDa

UniProt: [Q5SWD9](#)

Pathways: [Ribonucleoprotein Complex Subunit Organization, Ribosome Assembly](#)

Application Details

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

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
