

Datasheet for ABIN7544890
TYSND1 Protein (AA 1-566) (His tag)



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Overview

Quantity:	1 mg
Target:	TYSND1
Protein Characteristics:	AA 1-566
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TYSND1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TYSND1 Protein expressed in mammalian cells.
Sequence:	<p>MRRQWGSAMR AAEQAGCMVS ASRAGQPEAG PWSCSGVILS RSPGLVLCHG GIFVPFLRAG SEVLTAAGAV FLPGDSCRDD LRLHVQWAPT AAGPGGAER GRPGLCTPQC ASLEPGPPAP SRGRPLQPRL PAELLLLLSC PAFWAHFARL FGDEAAEQWR FSSAARDDEV SEDEEADQLR ALGWFALLGV RLGQEEVEEE RGPAMAVSPL GAVPKGAPLL VCGSPFGAFC PDIFLNTLSC GVLSNVAGPL LLTDARCLPG TEGGGVFTAR PAGALVALVV APLCWKAGEW VGFTLLCAAA PLFRAARDAL HRLPHSTAAL AALLPPEVGV PWGLPLRDSG PLWAAAVALV ECGTVWGSV AVAPRLVTC RHVSPREAR VLVRSTTPKS VAIWGRVVFA TQETCPYDIA VVSLEEDLDD VPIPVPAEHF HEGEAVSVVG FGVFGQSCGP SVTSGILSAV VQVNGTPVML QTTCVAVHSGS SGGPLFSNHS GNLLGIITSN TRDNNTGATY PHLNFSIPIT VLQPALQQYS QTQDLGGLRE LDRAAEPVRV VWRLQRPLAE APRSKL 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.</p>

Product Details

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: TYSND1

Alternative Name: TYSND1 ([TYSND1 Products](#))

Background: Peroxisomal leader peptide-processing protease (EC 3.4.21.-) (Trypsin domain-containing protein 1) [Cleaved into: Peroxisomal leader peptide-processing protease, 15 kDa form, Peroxisomal leader peptide-processing protease, 45 kDa form],FUNCTION: Peroxisomal protease that mediates both the removal of the leader peptide from proteins containing a PTS2 target sequence and processes several PTS1-containing proteins. Catalyzes the processing of PTS1-proteins involved in the peroxisomal beta-oxidation of fatty acids. {ECO:0000269|PubMed:22002062}.

Molecular Weight: 59.3 kDa

UniProt: [Q2T9J0](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

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
