

Datasheet for ABIN7544316

THNSL2 Protein (AA 1-484) (His tag)



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Overview

Quantity:	1 mg
Target:	THNSL2
Protein Characteristics:	AA 1-484
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This THNSL2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant THNSL2 Protein expressed in mammalian cells.
Sequence:	<p>MWYVSTRGVA PRVNFEGALF SGYAPDGGFL MPEELPQLDR GTLCQWSTLS YPGLVKELCA LFIGSELLPK DELNDLIDRA FSRFRHREV HLSRLRNLN VLELWHGVTY AFKDLSSLCT TQFLQYFLEK REKHVTVVVG TSGDTGSAAI ESVQGAKNMD IIVLLPKGHC TKIQELQMTT VLKQNVHVFG VEGNSDELDE PIKTVFADVA FVKKHNLSL NSINWSRVLV QMAHHFFAYF QCTPSLDTHP LPLVEVVVPT GAAGNLAAGY IAQKIGLPIR LVVAVNRNDI IHRTVQQGDF SLSEAVKSTL ASAMDIQVPY NMERVFWLLS GSQSQVTRAL MEQFERTQSV NLPKELHSL SEAVTSVSVS DEAITQTMGR CWDENQYLLC PHSAVAVNYH YQQIDRQQPS TPRCCLAPAS AAKFPEAVLA AGLTPETPAE IVALEHKETR CTLMRRGDNW MLMLRDTIED LSRQWRSHAL NTSQ</p> <p>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>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

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:

THNSL2

Alternative Name:

THNSL2 ([THNSL2 Products](#))

Background:

Threonine synthase-like 2 (TSH2) (EC 4.2.3.-) (Secreted osteoclastogenic factor of activated T-cells) (SOFAT),FUNCTION: [Isoform 1]: Acts as a catabolic phospho-lyase on both gamma- and beta-phosphorylated substrates. Degrades O-phospho-threonine (PThr) to alpha-ketobutyrate, ammonia and phosphate (By similarity). {ECO:0000250}., FUNCTION: [Isoform SOFAT]: Potent inducer of osteoblastic production of IL6. May act to exacerbate inflammation and/or bone turnover under inflammatory conditions. {ECO:0000269|PubMed:19877052}.

Molecular Weight:

54.1 kDa

UniProt:

[Q86YJ6](#)

Application Details

Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for

Application Details

	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