

Datasheet for ABIN7544835
TTLL2 Protein (AA 1-592) (His tag)



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Overview

Quantity:	1 mg
Target:	TTLL2
Protein Characteristics:	AA 1-592
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TTLL2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TTLL2 Protein expressed in mammalian cells.
Sequence:	MRGRDLCSSST QSQALGSLRT TTPAFTLNIP SEANHTEQPP AGLGARLQEA GVSIPPRRGR PTPTLEKKKK PHLMAEDEPS GALLKPLVFR VDETTPAVVQ SVLLERGWNK FDKQEQAED WNLYWRTSSF RMTEHNSVKP WQQLNHHPGT TKLTRKDCLA KHLKHMRRMY GTSLYQFIPL TFVMPNDYTK FVAEYFQERQ MLGTHKHSYWI CKPAELSRGR GILIFSDFKD FIFDDMYIVQ KYISNPLLIG RYKCDLRIYV CVTGFKPLTI VVYQEGLVRF ATEKFDLSNL QNNYAHLTNS SINKSGASYE KIKEVIGHGC KWTLRSRFFSY LRSWDVDDLL LWKKIHRMVI LTILAIAPSV PFAANCFELF GFDILIDDNL KPWLLEVNYS PALTDCSTD VLVKRKLVHD IIDLIYLNGL RNEGREASNA THGNSNIDAA KSDRGGLDAP DCLPYDSLFS TSRMYNEDDS VVEKAVSVRP EAAPASQLEG EMSGQDFHLS TREMPQSKPK LRSRHTPHKT LMPYASLFQS HSCKTKTSPC VLSDRGKAPD PQAGNFVLVF PFNEATLGAS RNGLNVKRRII QELQKLMNKQ HS 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: TTLL2

Alternative Name: TTLL2 ([TTLL2 Products](#))

Background: Probable tubulin polyglutamylase TTLL2 (EC 6.-.-.-) (Testis-specific protein NYD-TSPG) (Tubulin-tyrosine ligase-like protein 2),FUNCTION: Probable tubulin polyglutamylase that generates side chains of glutamate on the gamma-carboxyl group of specific glutamate residues within the C-terminal tail of target proteins (By similarity). Similar to TTLL1, may acquire enzymatic activity only in complex with other proteins as it is most likely lacking domains important for autonomous activity (By similarity). Probably involved in the side-chain initiation step of the polyglutamylation reaction rather than the elongation step (By similarity). {ECO:0000250|UniProtKB:A4Q9E4, ECO:0000250|UniProtKB:Q91V51}.

Molecular Weight: 67.3 kDa

Target Details

UniProt: [Q9BWV7](#)

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