

Datasheet for ABIN7544791
TTLL13 Protein (AA 1-815) (His tag)



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Overview

Quantity:	1 mg
Target:	TTLL13
Protein Characteristics:	AA 1-815
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TTLL13 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TTLL13 Protein expressed in mammalian cells.
Sequence:	<p>MEPSTCRTME SEEDYVEEKE SEKCVKEGVT NPSNSSQAL LKADYKALKN GVPSPIMATK IPKKVIAPVD TGDLEAGRRK RRRKRRSLAI NLTNCKYESV RRAAQMCGLK EVGEDEEWTL YWTDCAVSLE RVMDMKRFQK INHFPGMTEI CRKDLLARNL NRMKYLYPSE YNIFPRTWCL PADYGDFQSY GRQRKARTYI CKPDSGCQGR GIFITRNPRE IKPGEHMICQ QYISKPLIID GFKFDMRVYV LITSCDPLRI FTYEEGLARF ATTPYMEPSH NNLDNVCMHL TNYAINKHNE NFVRDGAVGS KRKLSLTLNIW LQEHSYNPGE LWGDIEDIII KTIISAHSV L RHNYRTCFFPQ YLNNGTCACF EILGFDILLD HKLKPWLLEV NHSPSFTTDS CLDQEVKDAL LCDAMTLVNL RGCDKRKVME EDKRRVKERL FQCYRQPRES RKEKTESSHV AMLDQERYED SHLGKYRRIY PGPDTEKYAR FFKHNGSLFQ ETAASKAREE CARQQLEEIR LKQEQQETSG TKRQKARDQN QGESAGEKSR PRAGLQSLST HLAYRNRNWE KELLPGQLDT MRPQEIVEEE ELERMKALLQ RETLIRSLGI VEQLTRLQHP GPQGQKKLHE SRDRLGSQEL KSMSLVLLVL LRGAATEQGA PHFLHPVLP H ESIPRILGAL PSMNAAIPHV PRYHLQPKNF NWTGEPAAIN SCSLSMKKAG</p>

Product Details

RCYFSSARIR LTSQGQASRR LEAINRVLAG SVPPTLTPKQ GYFLQPERVA SDSWTECTLP
SMVNSEHRAA KVPLCPASAP MLQRSRALLN INQFR **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: TTLL13

Alternative Name: TTLL13 ([TTLL13 Products](#))

Background: Tubulin polyglutamylase TTLL13 (EC 6.3.2.-) (Tubulin tyrosine ligase like 13) (Tubulin tyrosine ligase-like family member 13 pseudogene) (Tubulin-tyrosine ligase-like protein 13),FUNCTION: Polyglutamylase which modifies tubulin, generating polyglutamate side chains of variable lengths on the gamma-carboxyl group of specific glutamate residues within the C-terminal tail of tubulin. Mediates ATP-dependent polyglutamate side-chain elongation of the polyglutamylation reaction but not the initiation step. Preferentially modifies the alpha-tubulin

Target Details

tail over a beta-tail. {ECO:0000250|UniProtKB:A4Q9F6}.

Molecular Weight: 93.6 kDa

UniProt: [A6NNM8](#)

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