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Datasheet for ABIN7544887

TTLL9 Protein (AA 1-439) (His tag)

Overview

Quantity:	1 mg
Target:	TTLL9
Protein Characteristics:	AA 1-439
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TTLL9 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TTLL9 Protein expressed in mammalian cells.
Sequence:	MVPSREALLG PGTTAIRCPK KLQNQNYKGGH GLSKGKEREQ RASIRFKTTL MNTLMDVLRH RPGWVEVKDE GEWDFYWCDV SWLRENF DHT YMDEHVRISH FRNHVELTRK NYMVKNLKR RKQLEREAGK LEAAKCDFFP KTFEMPCEYH LFVEEFRKNP GITWIMKPVA RSQGGIFLF RRLKDIVDWR KDTRSSDDQK DDIPVENYVA QRYIENPYLI GGRKFDLRVY VLMSVFAEC LLWSGHRRQD VHLTNVAVQK TSPDYHPKKG CKWTLQRFRQ YLASKHGPEA VETLFRDIDN IFVKSLQSVQ KVIISDKHCF ELYGYDILID QDLKPWLLEV NASPSLTASS QEDYELKTCL LEDTLHVVD M EARLTGREKR VGGFDLMWND GPVSREEGAP DLSGMGNFVT NTHLGCVNDR KKQLRQLFCS LQVQKKASS 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.

Product Details

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:

TTLL9

Alternative Name:

TTLL9 ([TTLL9 Products](#))

Background:

Probable tubulin polyglutamylase TTLL9 (EC 6.3.2.-) (Tubulin--tyrosine ligase-like protein 9),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. Similar to TTLL1, may acquire enzymatic activity only in complex with other proteins as it is most likely lacking domains important for autonomous activity. Mediates tubulin polyglutamylation which induces establishment of microtubule heterogeneity in sperm flagella, thereby playing a role in normal motile flagella axoneme structure and sperm flagella beating pattern. {ECO:0000250|UniProtKB:A2APC3}.

Molecular Weight:

51.5 kDa

UniProt:

[Q3SXZ7](#)

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
