

Datasheet for ABIN7544817
TTC29 Protein (AA 1-475) (His tag)



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Overview

Quantity:	1 mg
Target:	TTC29
Protein Characteristics:	AA 1-475
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TTC29 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TTC29 Protein expressed in mammalian cells.
Sequence:	<p>MTTLPLPMT RPKLTALARQ KLPCSSRKIP RSQLIKEKDD IDHYLEVNFK GLSKEEVAAY RNSYKKNICV DMLRDGYHKS FTELFALMER WDALREAAARV RSLFWLQKPL EEQPKLDYL YHYLTRAEDA ERKESFEDVH NNLYALACYF NSEDKWVRN HFYERCFKIA QLIKIDCGKK EAEAHMHMGL LYEEDGQLE AAHYEAFHQ LTQGRIWKDE TGRSLNLLAC ESLLRTYRLL SDKMLNKEY KQAIKILIKA SEIAKEGSDK KMEAEASYL GLAHLAAEEY ETALTVLDTY CKISTDLDDD LSLGRGYEAI AKVLQSQGEM TEAIKYLKFK VKIARNNFQS LDLVRASTML GDIYNEKGY Y NKASECFQQA FDTTVELMSM PLMDETKVHY GIAKAHQMML TVNNYIESAD LTSLNYLLSW KESRGNIEPD PVTEEFRGST VEAVSQNSER LEELSRFPD QKNET 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:

TTC29

Alternative Name:

TTC29 ([TTC29 Products](#))

Background:

Tetratricopeptide repeat protein 29 (TPR repeat protein 29) (Protein TBPP2A) (Testis development protein NYD-SP14),FUNCTION: Axonemal protein which is implicated in axonemal and/or peri-axonemal structures assembly and regulates flagella assembly and beating and therefore sperm motility. {ECO:0000269|PubMed:31735292, ECO:0000269|PubMed:31735294}.

Molecular Weight:

55.1 kDa

UniProt:

[Q8NA56](#)

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