

Datasheet for ABIN7544838
TTYH1 Protein (AA 1-450) (His tag)



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Overview

Quantity:	1 mg
Target:	TTYH1
Protein Characteristics:	AA 1-450
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TTYH1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TTYH1 Protein expressed in mammalian cells.
Sequence:	<p>MGAPPGYRPS AWWHLLHQLP RADFQLRPVP SVFAPQEQEY QQALLLVAAL AGLGLGLSLI FIAVYLIRFC CCRPPEPPGS KIPSPGGGCV TWSCIVALLA GCTGIGIGFY GNSETSDGVS QLSSALLHAN HTLSTIDHLV LETVERLGEA VRTELTTLEE VLEPRTELVA AARGARRQAE AAAQQLQGLA FWQGVPLSPL QVAENVSFVE EYRWLAYVLL LLELLLVCLF TLLGLAKQSK WLIVIVMTVMS LLVLVLSWGS MGLEAATAVG LSDFCSNPDP YVLNLTQEET GLSSDILSY LLCNRAVSNP FQQRLTLSQR ALANIHSQLL GLEREAVPQF PSAQKPLLSL EETLNVTEGN FHQLVALLHC RSLHKDYGAA LRGLCEDALE GLLFLLLFSL LSAGALATAL CSLPRAWALF PPSDDYDDTD DDDPFNPQES KRFVQWQSSI 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:

TTYH1

Alternative Name:

TTYH1 ([TTYH1 Products](#))

Background:

Protein tweety homolog 1 (hTTY1),FUNCTION: Probable chloride channel. May be involved in cell adhesion (By similarity). {ECO:0000250}., FUNCTION: Isoform 3 may be a Ca(2+)-independent and swelling-activated chloride channel, possibly involved in regulation of cell volume.

Molecular Weight:

49.1 kDa

UniProt:

[Q9H313](#)

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