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Datasheet for ABIN7544909  
**TTYH2 Protein (AA 1-534) (His tag)**

## Overview

Quantity:	1 mg
Target:	TTYH2
Protein Characteristics:	AA 1-534
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TTYH2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant TTYH2 Protein expressed in mammalian cells.
Sequence:	<p>MQAARVDYIA PWWVVWLHSV PHVGLRLQPV NSTFSPGDES YQESLLFLGL VAAVCLGLNL IFLVAYLVCA CHCRRDDAVQ TKQHHSCCIT WTAVVAGLIC CAAVGVGFYQ NSETNDGAYQ LMYSLDDANH TFSGIDALVS GTTQKMKVDL EQHLARLSEI FAARGDYLQT LKFIQQMAGS VVVQLSGLPV WREVTMELTK LSDQTYVEY YRWLSYLLLF ILDLVICLIA CLGLAKRSKC LLASMLCCGA LLLLLSWASL AADGSAAVAT SDFCVAPDTF ILNVTEGQIS TEVTRYLYLC SQSGSSPFQQ TLTTFQRALT TMQIQVAGLL QFAVPLFSTA EEDLLAIQLL LNSSESSLHQ LTAMVDCRGL HKDYLDALAG ICYDGLQGLL YLGLFSFLAA LAFSTMICAG PRAWKHFTTR NRDYDDIDDD DPFNPQAWRM AAHSPPRGQL HSFCSYSSGL GSQTSLQPPA QTISNAPVSE YMNQAMLFGR NPRYENVPLI GRASPPPTYS PSMRATYLSV ADEHLRHYGN QFPA <b>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.</b></p>

## Product Details

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**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.

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**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.

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**Purity:** > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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**Grade:** custom-made

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## Target Details

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**Target:** TTYH2

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**Alternative Name:** TTYH2 ([TTYH2 Products](#))

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**Background:** Protein tweety homolog 2 (hTTY2),FUNCTION: Probable large-conductance Ca(2+)-activated chloride channel. May play a role in Ca(2+) signal transduction. May be involved in cell proliferation and cell aggregation. {ECO:0000269|PubMed:15010458}.

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**Molecular Weight:** 58.8 kDa

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**UniProt:** [Q9BSA4](#)

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## Application Details

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**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.

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**Restrictions:** For Research Use only

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## Handling

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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