

**HDFP599**

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## Product Information

|                     |         |                         |            |              |      |
|---------------------|---------|-------------------------|------------|--------------|------|
| <b>Product SKU:</b> | HDFP599 | <b>Expression Host:</b> | HEK293     | <b>Size:</b> | 10µg |
| <b>Target:</b>      | TTYH1   | <b>Tag:</b>             | C-Flag Tag |              |      |

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## Additional Information

|                          |   |                    |        |
|--------------------------|---|--------------------|--------|
| <b>Conjugate:</b>        | Unconjugated  | <b>Uniprot ID:</b> | Q9H313 |
| <b>Molecular Weight:</b> | The human full length TTYH1 protein has a MW of 49.1kDa |                    |        |

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## Protein Information

**Background:** This gene encodes a member of the tweety family of proteins. Members of this family function as chloride anion channels. The encoded protein functions as a calcium(2+)-independent, volume-sensitive large conductance chloride(-) channel. Three transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jan 2011]

**Synonyms:** -

**Protein Description:** Human TTYH1 full length protein-synthetic nanodisc

**Formulation:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions. Do not use solvents with a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments.

**Protein Pathways:** -

**Protein Families:** Ion Channels: Other.

**Usage:** Research use only

**Storage & Shipping:** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

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