

**HDFP664**

---

## Product Information

|                     |         |                         |            |              |      |
|---------------------|---------|-------------------------|------------|--------------|------|
| <b>Product SKU:</b> | HDFP664 | <b>Expression Host:</b> | HEK293     | <b>Size:</b> | 10µg |
| <b>Target:</b>      | TRPC3   | <b>Tag:</b>             | C-Flag Tag |              |      |

---

## Additional Information

|                          |   |                    |        |
|--------------------------|---|--------------------|--------|
| <b>Conjugate:</b>        | Unconjugated  | <b>Uniprot ID:</b> | Q13507 |
| <b>Molecular Weight:</b> | The human full length TRPC3 protein has a MW of 96kDa |                    |        |

---

## Protein Information

**Background:** The protein encoded by this gene is a membrane protein that can form a non-selective channel permeable to calcium and other cations. The encoded protein appears to be induced to form channels by a receptor tyrosine kinase-activated phosphatidylinositol second messenger system and also by depletion of intracellular calcium stores. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]

**Synonyms:** SCA41, TRP3

**Protein Description:** Human TRPC3 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: Transient receptor potential.

**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.

**Contact Details | Dublin, Ireland**

**Email:** [techsupport@assaygenie.com](mailto:techsupport@assaygenie.com) | **Web:** [www.assaygenie.com](http://www.assaygenie.com)

Copyright © 2024 Assay Genie Ltd, All Rights Reserved. All information / detail is correct at time of going to print.