

PRODUCT INFORMATION

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| Tag | C-Flag Tag |
| Target | TRPC1 |
| Synonyms | HTRP-1, TRP1 |
| Description | Human TRPC1 full length protein-synthetic nanodisc |
| Delivery | 6~8weeks |
| Uniprot ID | P48995 |
| Expression Host | HEK293 |
| Protein Families | Ion Channels: Transient receptor potential |
| Protein Pathways | N/A |
| Molecular Weight | The human full length TRPC1 protein has a MW of 91.2kDa |
| Formulation & Reconstitution | 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 of reconstitution. |
| 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. |
| 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] |
| Usage | Research use only |
| Conjugate | Unconjugated |

