

PRODUCT INFORMATION

Tag	C-Flag&Strep Tag
Target	TRPC1
Synonyms	HTRP-1, TRP1
Description	Human TRPC1-Strep 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-Strep protein has a MW of 91.2 kDa
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. 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.
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

