

Recombinant Human TRPC3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TRPC3-6113H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TRPC3 MS Standard C13 and N15-labeled recombinant protein (NP_003296) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	97.4 kDa
AA Sequence	MEGSPSLRRMTVMREKGRRQAVRGPAFMFNDRGTSLTAEERFLDAAEYGNIPVV RKMLEESKTLNVNCVDYMGQNALQLAVGNEHLEVTELLKKENLARIGDALLLAISK GYVRIVEAILNHPGFAASKRLTLSPCEQELQDDDFYAYDEDGTRFSPDITPIILAAHCQ KYEYVHMLLMKGARIERPHDYFCKCGDCMEKQRHDSFSHSRSRINAYKGLASPAYL SLSSDPVLTALELSNELAKLANIEKEFKNDYRKLSMQCKDFVVGVLDCRDSEEE AILNGDLESAEPLEVHRHKASLSRVKLAIKYEYVKKFVAHPNCQQQLLTIWYENLSGLR EQTIAIKCLVVLVVALGLPFLAIGYWIAPCSRLGKILRSPFMKFVAHAASFIIFLGLLVFN

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

ASDRFEGITTLPNITVTDYPKQIFRVKTTQFTWTEMLIMVWVLGMMWSECKELWLEG
 PREYILQLWNVLDFGMLSIFIAAFTARFLAFLQATKAQQYVDSYVQESDLSEVTLPEI
 QYFTYARDKWLPSPDQIISEGLYAIIVVLSFSRIAYILPANESFGPLQISLGRTVKDIFK
 FMVLFIMVFFAFMIGMFILYSYYLGAKVNAAFTTVEESFKTLFWSIFGLSEVTSVVLKY
 DHKFIENIGYVLYGIYNVTMVVLLNMLIAMINSSYQEIEDSDSVEWKFARSKLWLSY
 FDDGKTLPPPFSLVPSPKSFVYFIMRIVNFPKCRRRRLQKDIEMGMGNSKSRLNLT
 QSNSRVFESHFSNLSILNQPTRYQQIMKRLIKRYVLKAQVDKENDEVNEGELKEIKQDI
 SSLRYELLEDKSQATEELAILIHLSEKLNPSMLRCETRTRPLEQKLISEEDLAANDILD
 YKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name TRPC3 transient receptor potential cation channel subfamily C member 3 [Homo sapiens (human)]

Official Symbol TRPC3

Synonyms TRPC3; transient receptor potential cation channel, subfamily C, member 3; short transient receptor potential channel 3; hTrp-3; transient receptor protein 3; TRP3;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene ID	7222
mRNA Refseq	NM_003305
Protein Refseq	NP_003296
MIM	602345
UniProt ID	Q13507
SDS-PAGE	