

Product datasheet for TP310794L

TRPC3 (NM_003305) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human transient receptor potential cation channel, subfamily C, member 3 (TRPC3), transcript variant 2, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210794 protein sequence Red=Cloning site Green=Tags(s)

MEGSPSLRRMTVMREKGRQAVRGPAPMFNDRGTSLTAEERFLDAAEYGNIPVVRKMLEESKTLNVNVCV
DYMGQNALQLAVGNEHLEVTLELLKKENLARIGDALLLAISKGYVRIVEAILNHPGFAASKRLTLSPCEQ
ELQDDDFYAYDEDGTRFSPDITPIILAAHCQKYEVVHMLLMKGARIERPHDYFCKCGDCMEKQRHDSFSH
SRSRINAYKGLASPAYLSLSEDPVLTALELSNELAKLANIEKEFKNDYRKLMSQCKDFVVGVLDCRDS
EEVEAILNGDLESAEPLEVHRHKASLSRVKLAIKYEVKVFVAHPNCQQLLTIWYENLSGLREQTIAIKC
LVVLVVALGLPFLAIGYWIAPCSRLGKILRSPFMKFAVAHAASFIIFLGLLVFNASDRFEGITTLPNITVT
DYPKQIFRVKTTQFTWTEMLIMVWVLGMMWSECKELWLEGPREYILQLWNVLDGMLSIFIAAFTARFLA
FLQATKAQQYVDSYVQESDLSEVTLPEIQYFTYARDKWLPSPDQIIESEGLYAIAVVLSFSRIAYILPAN
ESFGPLQISLGRVTKDIFKFMVLFIMVFFAFMIGMFILYSYLGAKVNAFFTVEESFKTLFWSIFGLSE
VTSVWLKYDHFIEINIGYVLYGIYNVTMVVLLNMLIAMINSSYQEIEDSDVEWKFARSKLWLSYFDDG
KTLPPFSLVSPKSFVYFIMRIVNFPKRRRLQKDIEMGMGNSKSRNLNFTQNSRVFESHFNILN
QPTRYQQIMKRLIKRYVLKAQVDKENDEVNEGELKEIKQDISSLYELLEDKQATEELAILIHKLSEKL
NPSMLRCE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

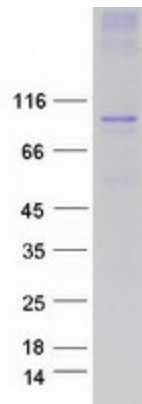
Tag:	C-Myc/DDK
Predicted MW:	97.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_003296
Locus ID:	7222
UniProt ID:	Q13507
RefSeq Size:	3330
Cytogenetics:	4q27
RefSeq ORF:	2544
Synonyms:	SCA41; TRP3
Summary:	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]
Protein Families:	Druggable Genome, Ion Channels: Transient receptor potential, Transmembrane

Product images:



Coomassie blue staining of purified TRPC3 protein (Cat# [TP310794]). The protein was produced from HEK293T cells transfected with TRPC3 cDNA clone (Cat# [RC210794]) using MegaTran 2.0 (Cat# [TT210002]).