

Product Information

MemDX™ Membrane Protein Human TRPC7 (Transient receptor potential cation channel subfamily C member 7) Full Length

Cat. No.: **MPC0961K**

This product is for research use only and is not intended for diagnostic use.

This product is a 99.5 kDa Human TRPC7 membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

TRPC7

Protein Length

Full length

Protein Class

Transporter; Ion channel

Molecular Weight

99.5 kDa

TMD

6

Sequence

MLRNSTFKNMQRHHTTLREKGRRQAIRGPAYMFNEKGTSLTPEEERFLDS
AEYGNIPVVRKMLEESKTLNFNCVDYMGQNALQLAVGNEHLEVTELLKK
ENLARVGDALLLAISKGYVRIVEAILNHPAFAQQRLTSPLEQELRDDD
FYAYDEDGTRFSDITPIILAAHCQEYEIVHILLKGAIRERPHDYFCKC
NECTEKQRKDSFSHSRSMNAYKGLASAAAYLSLSEDPVLTALELSNELA
RLANIETEFKNDYRKLMSQCKDFVVGVLDCRDTEEVEAILNGDVNFQVW
SDHHRPSSLRIKLAIKYEVKKFVAHPNCQQQLTMWYENLSGLRQQSIIV
KFLAVFGVSIPLFLAIAYWIAPCSKLGRTLRSFPMKFVAHAVSFTIFLG
LLVNASDRFEGVKTLPNETFTDYPKQIFRVKTTQFSWTEMLIMKWVLM
IWSECKEIWEEGPREYVLHLWNLLDFGMLSIFVASFTARFMAFLKATEAQ
LYVDQHVQDDTLHNVSLLPPEVAYFTYARDKWWPSDPQIISEGLYAIIVL
SFSRIAYILPANESFGPLQISLGRVVDIFKFMVIFIMVFVAFMIGMFNL
YSYYRGAKYNPAFTTVEESFKTLFWSIFGLSEVISVVLKYDHKFIENIGY
VLYGVYNVTMVMVLLNMLIAMINNSYQEIEEDADVEWKFARAKLWLSYFD
EGRTLPAFNLVPSPKSFYYLIMRIKMCLIKLCKSKAKSCENDLEMGLN
SKFKKTRYQAGMRNSENLTANNTLSKPTRYQKIMKRLIKRYVLKAQVDRE
NDEVNEGELKEIKQDISSLRYELEEKSQATGELADLIQQLSEKFGKLN
KDHLRVNKGKDI

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

TRPC7

Full Name

Transient receptor potential cation channel subfamily C member 7

Alternative Names

TRP7; short transient receptor potential channel 7; likely ortholog of mouse transient receptor potential cation channel, subfamily C, member 7; putative capacitative calcium channel; transient receptor protein 7; TRPC7; Transient receptor potential cation channel subfamily C member 7

Gene ID

[57113](#)

UniProt ID

[Q9HCX4](#)