

Product datasheet for **SC214341**

TRPM7 (NM_017672) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TRPM7 (NM_017672) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TRPM7
Synonyms:	ALSPDC; CHAK; CHAK1; LTrpC-7; LTRPC7; TRP-PLIK
ACCN:	NM_017672
Insert Size:	2000 bp



[View online »](#)

Summary: This gene belongs to the melastatin subfamily of transient receptor potential family of ion channels. The protein encoded by this gene is both an ion channel and a serine/threonine protein kinase. The kinase activity is essential for the ion channel function, which serves to increase intracellular calcium levels and to help regulate magnesium ion homeostasis. The encoded protein is involved in cytoskeletal organization, cell adhesion, cell migration and organogenesis. Defects in this gene are a cause of amyotrophic lateral sclerosis-parkinsonism/dementia complex of Guam. The gene may also be associated with defects of cardiac function. [provided by RefSeq, Aug 2017]

Locus ID: 54822

MW: 77.5