

Product datasheet for RC230740

TRPM6 (NM_001177311) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRPM6 (NM_001177311) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TRPM6
Synonyms:	CHAK2; HMGX; HOMG; HOMG1; HSH
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC230740 representing NM_001177311 Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence:

>RC230740 representing NM_001177311
 Red=Cloning site Green=Tags(s)

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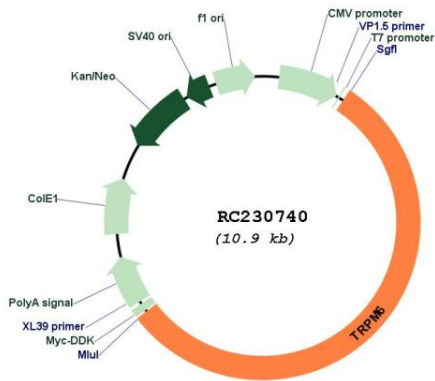
TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Protein Families: Druggable Genome, Ion Channels: Transient receptor potential, Protein Kinase, Transmembrane

MW: 231.4 kDa

Gene Summary: This gene is predominantly expressed in the kidney and colon, and encodes a protein containing an ion channel domain and a protein kinase domain. It is crucial for magnesium homeostasis, and plays an essential role in epithelial magnesium transport and in the active magnesium absorption in the gut and kidney. Mutations in this gene are associated with hypomagnesemia with secondary hypocalcemia. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq, Apr 2010]

Product images:



Circular map for RC230740