

Product datasheet for MC225134

Trpm6 (NM_153417) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trpm6 (NM_153417) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Trpm6
Synonyms:	CHAK2; TRPM6/CHAK2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC225134 representing NM_153417 Red=Cloning site Blue=ORF Orange=Stop codon

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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_153417
Insert Size:	6087 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_153417.1 , NP_700466.1
RefSeq Size:	6520 bp
RefSeq ORF:	6087 bp
Locus ID:	225997
UniProt ID:	Q8CIR4
Cytogenetics:	19 B
Gene Summary:	Essential ion channel and kinase. Crucial for magnesium homeostasis. Has an important role in epithelial magnesium transport and in the active magnesium absorption in the gut and kidney (By similarity).[UniProtKB/Swiss-Prot Function]