

Product datasheet for MC203275

Ttc7 (NM_028639) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ttc7 (NM_028639) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ttc7
Synonyms:	1110035E02Rik; 1700007L07Rik; fsn; hea; Ttc7a
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC042512

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AGCTCCTGCTCGAAGATGGCTGCGAAGGGCGCGCACGGCACCCACCTGAAGGTGGAGAGCGAGGTGGAGC
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CCTGATGTTACCAAGGTGAAGCTGGAGCAGGTAAGGAGCCCGGAGGAAGCCCTCGTGACTTGCAGA
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AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

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Restriction Sites:

RsrII-NotI

ACCN:

NM_028639

Insert Size:

2577 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:

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: [BC042512](#), [AAH42512](#)

RefSeq Size: 4421 bp

RefSeq ORF: 2577 bp

Locus ID: 225049

UniProt ID: [Q8BGB2](#)

Cytogenetics: 17 E4

Gene Summary: Component of a complex required to localize phosphatidylinositol 4-kinase (PI4K) to the plasma membrane. The complex acts as a regulator of phosphatidylinositol 4-phosphate (PtdIns(4)P) synthesis (By similarity). In the complex, plays a central role in bridging PI4KA to EFR3B and FAM126A, via direct interactions (By similarity).[UniProtKB/Swiss-Prot Function]