

Product datasheet for MC203445

Ptk7 (NM_175168) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ptk7 (NM_175168) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ptk7
Synonyms:	8430404F20Rik; chz; mPTK7/CCK4
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC076578

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>BC076578
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CTCCGGACGCCTCGGGCTCGGGCTGTAGCTGCTGCGGGCGCCCCGCGCTCCGGTCCGCGCGCCCCGCTCG
CCGTGTGCTTGAACCTCGCTGCTCGTCTGCAGCCCGCCAGGATGGGAGCCCGCCGCTGACTCTGCTCA
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CTACACTTTGCCCGAGTGACCCGAGATGATGCTGGCAACTACACTTGATTGCATCCAACGAGCCACAGG
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ACTCGTGCTCTCAATAAAAAAGCCTTTTTTTACAAAAA

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Restriction Sites:

Ascl-NotI

ACCN:

NM_175168

Insert Size:

3189 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: [BC076578](#), [AAH76578](#)

RefSeq Size: 4256 bp

RefSeq ORF: 3189 bp

Locus ID: 71461

UniProt ID: [Q8BKG3](#)

Cytogenetics: 17 C

Gene Summary: Inactive tyrosine kinase involved in Wnt signaling pathway. Component of both the non-canonical (also known as the Wnt/planar cell polarity signaling) and the canonical Wnt signaling pathway. Functions in cell adhesion, cell migration, cell polarity, proliferation, actin cytoskeleton reorganization and apoptosis. Has a role in embryogenesis, epithelial tissue organization and angiogenesis.[UniProtKB/Swiss-Prot Function]