

Product datasheet for **MR217248**

Mcpt9 (NM_010782) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mcpt9 (NM_010782) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Mcpt9
Synonyms:	MMCP-1; MMCP-9; MMCP9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR217248 representing NM_010782 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGCAGGCCCTACTATTCTGATGGCACTTCTCTTGCCTTCTAGGGCTGGAGCTGAGGAGATTATTGGTG
 GTGTTGAGTCTGAACCACACTCCCGACCTTACATGGCCTATGTGAATACCTTCAGTAAGAAAGGTTATGT
 GGCAATCTGTGGTGGTTTCTCATAGCCCCCAATTTGTGATGACTGCTGCACACTGTAGTGAAGAAGA
 ATGACTGTCACCCTTGGAGCTCATAATGTGAGAAAGAGAGAATGCACACAGCAGAAGATAAAAGTTGAAA
 AGTACATCTTGCCTCAAATTACAATGTGTCTTCCAAGTTCAATGACATCGTATTACTGAAGCTTAAAAA
 GCAAGCTAACTTGACTTCTGCTGTGGATGTAGTTCCTCCCTGGCCCCCTGACTTTGCCAAGCCTGGG
 ACGATGTGTTGGGCAGCTGGCTGGGGGCGAACTGGAGTGAAAAAAGTATCTCACATACCTGAGAGAGG
 TAGAACTGAAAATCGTGGGGGAAAAGGCCTGTAAATATTTAGGCATTACAAGGATAGCCTCCAGATCTG
 TGTGGGCAGTTCACAAAGGTGGCATCAGTATACATGGGAGACTCTGGAGGACCTCTACTGTGTGCTGGG
 GTGGCCCATGGTATTGTATCTTCTGGACGCGAAATGCAAAGCCCCCTGCAATCTTCACCCGAATCTCCC
 CACATGTGCCCTGGATTAAACAGAGTCATAAAGGGCGAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


[View online »](#)

Protein Sequence: >MR217248 representing NM_010782
 Red=Cloning site Green=Tags(s)

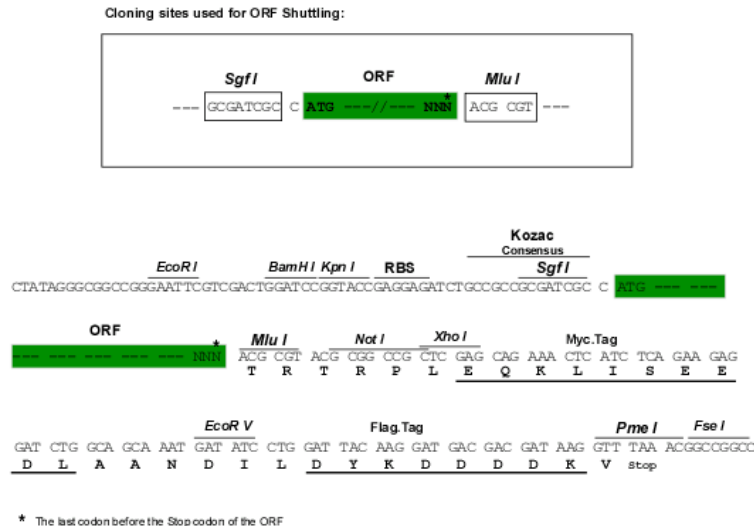
MQALLFLMALLLPSRAGAEIIIGGVESEPHSRPYMAYVNTFSKKGYVAICGGFLIAPQFVMTAAHCSGRR
 MTVTLGAHNVKRECTQQKIKVEKYILPPNYNVSSKFNDIVLLKLKKQANLTSADVVPPLPGPSDFAKPG
 TMCWAAGWGRTGVKKSISHTLREVELKIVGEKACKIFRHYKDSLQICVGSSTKVASVYMGDSGGPLL CAG
 VAHGIVSSGRGNAPPAIFTRISPHVPWINRVIKGE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9058_a10.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_010782

ORF Size: 738 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_010782.3](#), [NP_034912.3](#)

RefSeq Size: 2000 bp

RefSeq ORF: 741 bp

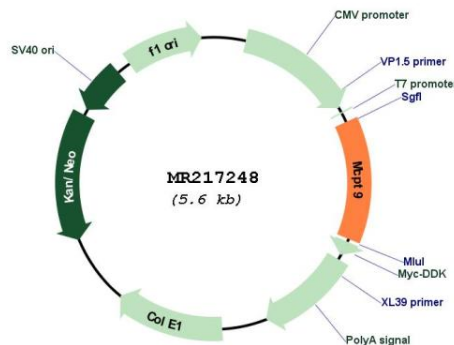
Locus ID: 17232

UniProt ID: [O35164](#)

Cytogenetics: 14 28.19 cM

MW: 26.7 kDa

Product images:



Circular map for MR217248