

Product datasheet for **MC217905**

Prei4 (BC033408) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prei4 (BC033408) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Prei4
Synonyms:	2310004G06Rik, mKIAA1434
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC033408
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGTCCAACAGCCTGGAGATATCCTTAATAAGTGACAATGAGTTCAGTGCAGGCACTCACAGCCAGAAT
GTGGGTATGGCTTACAGCCCGATCGTTGGACAGAGTACAGCATACAGACAATGGAACCAGATAATCTGGA
GCTCATCTTTGACTTTTTTGGAGGAAGATCTCAGTGAGCATGTAGTTCAGGGTGATGTTCTTCTGGACAC
GTGGGCACAGCATGCCTCTGTCTTCTACCATTGCTGAGAGTGGAAAGAAGCGCTGGAATCCTTACTCTTC
CCATCATGAGCAGAAATCCAGAAAACTATAGGCAAAGTCAAGAGTTGATTTTATCATCATCAAGCCATT
ACCTGGATATAGTTGTTCTATGCAGTCTTCATTTTCCAAGTATTGGAAACCAAGAATACCATTGGACGTT
GGACATCGTGGTGCAGGGAAGTCAACAACGACTGCCAAGCTAGCTAAAGTACAGGAAAATACTATCGCTT
CTTTAAGAAATGCTGCCAGTATGGCGCAGCATTGTAGAAATTTGATGTCCACCTTCAAAGGACTTTGT
GCCCGTGGTGTATCATGACCTCACCTGCTGTGACCATGAAGAGGAAAATGAAGCTGATCCAGTTGAA
TTGTTTGAATCCAGTAAAAGAATTAACATTTGACCAACTCCAGTTATTGAAGCTTCTCATGTGACTG
CATTAAAAACCAAGACCGGAAACAATCTTTGTATGAGGAGGAAAATTTCTTTCTGAAAATCAGCCATT
TCCTTCTCTTAAGATGGTTTTAGAAATCATTGCCAGAAAATGATAGGATTTAATATAGAAAATAAATGGATT
TGCCAACACAGGGATGGAGTATGGGATGGCAACTATCAACATATTTTGTATGAATGTGTTTTGGATA
TAATTTTAAAACTGTTTTAGAAAATCTGGGAAGAGGAGAATAGTGTCTTCTTTTGTATGCAGATAT
TTGTACAATGGTTCGGCAGAAGCAGAACAATATCCCATATTATTTTACCCAAGGAAAGTCTGATATT
TACCCGAAGTCAAGACCTCAGATCTCGGACAACACCCATTGCAATGAGTTTTGCACAGTTTAAAAATA
TTTTGGGATAAATGCCATACTGAAGACCTCCTTAGAAAACCCATCCTATGTCCAAGAGGCAAAAGCTAA
GGGATTTGGTCAATTTCTGCTGGGGTATGATACCAACGATCCTGAAAACAGAAGGAAACTGAAGGAATTT
GGAGTAAATGGTCTAATATATGATAGGATATATGATTGGATGCCTGAACAGCCAAATATATTCCAAGTGG
AGCAGTTGGAGCGCTGAAGCAAGAATTGCCAGAGCTTAAGAAGTGTGTTGTGCCACTGTAGCCACTT
CATCCCTTCTTTCTGTGTGGAGCCTGATATCCACGTGGATGCCAACGGCATTGATAGTGTGGAGAAC
GCTTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC033408

Insert Size: 1476 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: [BC033408](#), [AAH33408](#)

RefSeq Size: 3174 bp

RefSeq ORF: 1475 bp

Locus ID: 74182

Cytogenetics: 2

Gene Summary: May be involved in the negative regulation of skeletal muscle differentiation, independently of its glycerophosphocholine phosphodiesterase activity.[UniProtKB/Swiss-Prot Function]