

Product datasheet for MC205721

BC005624 (NM_144885) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	BC005624
Synonyms:	RP23-221O14.10
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC005624
 CGCAGCGCCAAGGGTCTGGTTCGCTATGCGGATTACTGGGAAAACATTCCGCCGGCGCCGGGCTGACTC
 GGAGTCGGAGGAGGATGAACAAGAATCAGAGGAGGTTTCGGCTAAAACATGGAAGAAACCCGAGAGGTGCAG
 AACTTCGGGAAGAGGCCAAATGGGGTGAGTGCGGCTGCCCTGCTGGTAGGAGAGAAGTTCAAGAGGAGA
 CTACTCTGGTGGATGATCCTTTCCAAATGGCGACAGGGGGCATGGTGGACATGAAGAACTGAAGGAGCG
 GGGCAAAGACAAGGTCAGTGAAGAGGAGGATCTGCACCTGGGGACATCGTTTTCTGCAGAGACCAACCGG
 AGGGACGAAGATGCAGACATGATGAAGTACATTGAGACGGAGCTGAAGAAGAGGAAGGGGATTGTGGAGC
 AAGAGGAACAGAAGGCCAAGCCCAAGAATGCTGAGGACTGCCTCTATGAGCTGCCAGAGAATATCCGAGT
 CTCTTCTGCCAAGAAGACTGAGGAGATGCTGTCCAACCAGATGCTGAGTGGCATCCCTGAGGTGGACCTG
 GGCATAGACGCTAAAATAAAAAACATCATTTCCACGGAGGATGCCAAGGCCCGGCTGCTGGCAGAGCAGC
 AGAACAAGAAGAAGGATAGCGAGACATCTTTTGTGCCACCAACATGGCTGTGAACATATGTGCAGCACAA
 CCGATTTTATCACGAGGAGCTCAATGCACCCATCCGAAGAAACAAAGAAGAGCCCAAAGCCCGGCCCTTG
 AGAGTGGGTGACACAGAAAAGCCAGAGCCTGAACGGTCCCCTCCCAACCGCAAGCGTCCTGCTAATGAAA
 AGGCCACAGATGACTACCACTATGAGAAGTTCAAGAAGATGAACAGGCGCTACTGAGGCAGCGGTAGGGG
 CTGGATAACGATGTGATGCACAGGGGTGCGTTTGTGTGCATGTGCAAGCGTGGGGGCACACACATGTC
 CTCTTGATATAAACCTGCTTATTAGCTCTTGAGTTCCTCATCAGATAGTGTCTGCTCAGTGGCTGGAT
 TTCTGTTCTGGTTTTGGTTGGAGACTGTAGCTCTCTGTGTATCCTAGGCCATGAACCTCCCTCCTCTCCC
 TACTACTGGGATTTTAGACCCCCACCCCTGCATTTTCAAGCACTAATTTGTAACATTTGGAAGAAAA
 CAATGTGTCTATGTCTATCTATTGTTTCTACCTAGGGCAAACCTCTCTCAAGAGTGTTATTAATACC
 TTTGTAATAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites:	RsrII-NotI
ACCN:	NM_144885
Insert Size:	870 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC005624</u> , <u>AAH05624</u>
RefSeq Size:	1293 bp
RefSeq ORF:	870 bp
Locus ID:	227707
UniProt ID:	<u>Q3TQI7</u>
Cytogenetics:	2 B
Gene Summary:	Involved in the regulation of telomeric heterochromatin assembly and control of telomere length.[UniProtKB/Swiss-Prot Function]