

Product datasheet for **MC221885**

Slmap (NM_032008) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slmap (NM_032008) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slmap
Synonyms:	D330001L02Rik; Miranda; mKIAA1601; Slap
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221885 representing NM_032008
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCGTGAGCCTTGCCATCTTCACTTGCAGCCCGAAGTGCACCCGTTTCAGGAGCGTATGTCTACC
 TGGACGAGCCCATCAAGATCGGCCGCTCGGTGGCACGCTGTCGACCAGCGCAGAATAATGCCACCTTTGA
 TTGCAAAGTGCTGTCAAGGAACCATGCCCTCGTCTGGTTTGATCACAAGACGAGCAAGTTCTATCTCCAA
 GACACTAAAAGTAGTAATGGTACCTTTATAAAATAGCCAGAGATTGAGTCGAGGCTCTGAAGAAAGTCCGC
 CATGCGAAATCTTTCTGGTGACATCATCCAGTTGGGGTGGATGTGACGGAGAATACCCGGAAAGTTAC
 CCATGGGTGATTGTTTCCACAATAAACTTTTCTACCAGATGGTATGGAAGCCCGACTTCGTTCCAGAT
 GTCATCCATGCTCCATTACCGAGTCTGTAGACAAAGTTGCTGCTAACACTCCAAGTATGTACTCTCAGG
 AACTATCCAACCTTCTCAGTATCTACAGGAGGCTTACATCGGGAACAGATGTTGGAACAGAAGTTAGC
 CACTTTCAGCGCTACTAGCCATCACCAAGAGGCTTACAGATACTAGTTGGCAGGCTTTAATAGATGAA
 GATAGACTCTTATCACGGTTAGAAGTTATGGGAAACCAGTTGCAGGCATGCTCCAAAAATCAAACAGAAG
 ACAGTTTACGGAAGGAGCTGATTGCACTGCAGGAGGATAAACACAGCTATGAAACCACAGCCAAAGAGTC
 CCTGAGGCGGGTCTTACAGGAGAAAATCGAAGTGGTTAGAAAACCTTTCAGAAAGTTGAGCGAAGTCTGAGT
 AATACTGAAGTGAATGTACCCACCTGAAAGAGATGAATGAGCGCACTCAGGAAGAGTTGAGAGAATTAG
 CCAATAAATAAATGGAGCAGTTAATGAAATTAAGATTTATCTGATAAATTAAGGTAGCAGAGGGAAA
 ACAAGAGGAAATCCAACAGAAGGGACAAGCTGAGAAGAAGGAATTACAGACGAAAATTTGATAATGGAA
 GAAAAAGAACAAGAGCTCCAGGCAAAAATCGAAGCTTTGCAAGCTGATAACGACTTCACCAATGAAAGGC
 TGACAGCTGCAAGTACGGTTAGAACACCTGCAGGAGAAAACCTTAAAGAATGCAGCAGCTTAGGGAT
 ACAAGTTGATGACTTCTTACCTAAAATAAATGGGAGCACAGAAAAGAGAAGCTGATGGTCCAAGGGCAT
 CTAACCAAAGTGGTAGAAGAATCAAAGCTTCAAAGAAAATCAGGCAAAAAGCAAAGGAATCCGACTTAT
 CAGACACTCTGAGTCCAAGCAAGGAAAAAGCAGCGACGACACTACAGACGCCAGATGGATGAGCAAGA
 CCTAAATGAACCCCTTGCTAAGGTGTCTCTATTAAGATGACTTACAGGGTACCCAGTCAGAACTGAG
 GCCAAACAAGACATTCAGCATCTTCGAAAGAATTGGTGGAAAGCCAGGAGCTAGCTAGAACAAGTAAAC
 AAAATGCTTTGAACTTCAAGCTCTTTTGAAGAAGAACGAAAAGCCTATCGAAATCAAGTTGAAGAATC
 AGCTAAACAAATACAGGTTCTTCAAGTCCAGCTGCAGAAGTTACACATGGACATGGAGAATCTCCAGGAG
 GAAAAGGACACGAAATCTCCAGCACAAGAGATAAATTGCTTAGTCCCAAGATGAGATTTTGCTCCTTC
 GTCAAGCAGCAGAGAGGCTGTGTCTGAGCGGGCACTGACTTTGTTTCTTTCGAAAGAAGAGCTTAAGAA
 GGTGAGAGCGGAGCTTGAGGGCTGGAGGAAAGCAGCGTCTGAATACGAGAATGAAATCAGAAGTCTGCAG
 AGCAGCTTCCAGCTTAGATGTCAGCAGTGTGAAGACCAGCAAAGGGAGGAGGCAACAAGGTTGCAAGGTG
 AGCTGGAGAAGTTGAAGAAGGAGTGGGATGACTGGAAACGGAATGCCATTCTCTAAAAAGGAGAACGT
 GTTGTGCTTTCAGAACTGCAGCGACAAGAGAAGAATTGCACAATCTCAGAAGCAGAGTTTTGAACTC
 ACGAGTGACCTCAGCATCCTTCCAGTACTAGGAAAGAGCTGGAGAAGCAAGTGGGATCCTTGAAGAAC
 AACCTTTCGGGATGCAGCTGACCTAAAACTCTCCTCAGTAAGGCTGAAAACCAAGCAAAGGATGTACA
 GAAAGAGTATGAAAAGACACAGACTGTTCTCTCAGAAGTGAAGTTGAAGTTTGAATGACTGAGCAGGAA
 AAGCAATCAATCACAGATGAGCTCAAACAGTGTAAAGACAACCTGAAGCTGCTGCGAGAGAAAGGAAATA
 ATCCCTCATATTACAACCTGTCCAGCGCTTTTCATCGGCTATTCTGGCTTTCTGTTTTGGTGT
 CGGTCCATTGTGGTAG

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_032008
Insert Size: 2466 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:	<ol style="list-style-type: none">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:	NM_032008.4 , NP_114397.3
RefSeq Size:	5402 bp
RefSeq ORF:	2466 bp
Locus ID:	83997
UniProt ID:	Q3URD3
Cytogenetics:	14 A3
Gene Summary:	May play a role during myoblast fusion.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) lacks an alternate in-frame exon in the central coding region and contains an alternate exon in the 3' coding region, which results in a frameshift, compared to variant 1. It encodes isoform 2 which differs in the central region of the protein and has a distinct and shorter C-terminus compared to isoform 1.