

Product datasheet for MC200500

Spef1 (NM_027641) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Spef1 (NM_027641) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Spef1
Synonyms:	4931426K16Rik; Clamp
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	<p>>BC006046 sequence for NM_027641</p> <p>GCGAGAGGAGGCATTTGAAAGGTCCTGGGGCTGGCGCTGGGCTCTGTGCGGAACGTTGAGGCCTTGCTCTGGATCCAATGGAAGCAGCGTGGATGAGGAGGCTCTGCACAGCTGTACCTCTGGGTAGACAATATCCCTCTGTCCAGACCCAAGAGAAACCTCTCCCGGACTTCAGTGACGGAGTCCTGGTTGCAGAGCTTATCAAGTTTACTTCCCAAGATGGTGGAGATGCACAATTATGTCCCTGCCAACTCTCTCCAGCAGAAGCTCAGCAACTGGGGTCACCTGAACAGAAAGGTGCTGAACAAGCTGAACTTCTCGGTCCCTGACGATGTGATGCGGAAGATTGCGCAGTGTCTCCGGGAGTAGTGGAGCTAGTGCTCATTCCACTGAGGCAGCGCCTGGAGGAGCGGCAGAGGCGCCAGAAGCTGGGTGTTGGCTCCTTACAGGAGCTGGCTCCTCAGGATAGCAGTGGCTACATGGATATGGGTTTCCCAAGAGGTTTCGAGGAGAGGGTGCCCCAGCCTTGGGAGAGCAGCTCAGAGAGGGCCGTCCGTTGGCTTCCCGACCCCTGGGTATAACCAGGCGCTGCAGGGTGATCCGAGCTTCGTCTCCAGATCGCTGAAAAGGAGCAGGAGCTGTTGGCCTCTCAAGAGACAGTACAGGTCCTTCAGATGAAGGTGAAGCGTCTGGAACATCTGCTCCAACCTTAAGAACGTGCGCATCGATGATCTCTCCCGCGGCTCCAGCAGGCCGAGCGCAAGCAGCGGTGAGCGGTGCCAGGGCTGCGCCGGGCTTCCCAAGTACCCGCCGAGCCAGACGCCGACCCCACTCACCTGCCGACGCAGGGTTGGGAGGGCGGAGCGAGCTGCTCACTAGTGCCTCCTGCAGCTACGGCGCTCGGCTGCGGAGGGTTCGAGCGAACGTGGGGTGTCTCAACGCCGAGGCCGGGACTGATCCTCCTCCTTACACTCCATCTGGGCCAGGAAAAAGGATCACTTCCACAGCCCAGAAAGCCTGTACATCGCATGATCTCCCAAAACCACTTTGAAGCTCCCGGCGCTGGGCTGGAGAGGCGGTCTCTGTCTCGTTCCACTCCTCTAGAACCAGGTTCTTTCTCAGCATAGAAGATAGCTTCATCTCTATCCTTGCTAAATCTCCAAGGCCTCCGACACTCGAGAAATTATCCCGGGAAGCTGAGGAATTCTTTGCCATCCTGAGTGCTGACCGGGGACCAGTTTTAGGGCTGGAATCACAGCAGCTGGAGAGGAAGGGATAAGGTGTTGAAGTAGGCGGAGTAAGGGAGGCACCCAGCTGTGCACTGCTCTCCTCTCACGGAGCATTCTAAGGAGTGCTGGGAAGATAGGCGAGAGTTGTCTCCATTAAAGGTGCTGTTGTGCGTTAAAAAAAAAAAAAAAAA</p>
Restriction Sites:	RsrII-NotI
ACCN:	NM_027641
Insert Size:	705 bp


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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:	<u>BC006046</u> , <u>AAH06046</u>
RefSeq Size:	1443 bp
RefSeq ORF:	705 bp
Locus ID:	70997
UniProt ID:	<u>Q99JL1</u>
Cytogenetics:	2
Gene Summary:	<p>Microtubule-associated protein that promotes microtubule bundling and stabilizes microtubules against depolymerization in response to cold shock (PubMed:16206169). Microtubule-associated protein involved in the stabilization of microtubules along the axis of migration during radial intercalation. Promotes the establishment and stabilization of an axis of microtubules required for the active migration of cells into the outer epithelium (By similarity).[UniProtKB/Swiss-Prot Function]</p>