

Product datasheet for RN205469

Spon2 (NM_138533) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Spon2 (NM_138533) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Spon2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN205469 representing NM_138533 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAACACGTGAGTTTTCCCTGGACAGAAGCTTTGGGTCTTCTCCTGGCCATGCTAGGCTCCACCG
CAGGCCAGCCGCTGGGGGAGAATCTGTCTGCACAGCCCGCCTCTGGCTAGATACAGCATCACTTTTAC
TGGCAAGTGGAGCCAGACAGCATTCCCAAGCAGTATCCTGTTCGGCCCCCTGCACAGTGGTCTCT
CTGCTGGGGGAGCAGCAGCTCTGACTACAGCATGTGGCGGAAGAATGAGTACGTACGCAATGGGCTGA
GGGACTTCGCTGAGCGTGGTGGGCTGGGACTGATGAAAGAGATCGAAGCAGCAGGAGAGAAGCTCCA
GAGTGTGCACGCGGTATTCTCGGCTCCCGCCTGCTAGTGGTACCGGGCAGACTTCTGCAGAGTTAGAG
GTGCACCCTAGGCACTCGCTGGTGTCTTCGTGGTACGCATTGTCCCGAGTCCGGACTGGTTTGTGGCA
TCGACAGTCTGGACCTGTGCGAGGGAGGCCGCTGGAAGGAGCAGGTGGTCTTATCTTTACCCACACGA
TGCAGGGACAGACAGTGGCTTACCTTCTCTCCCAACTTTGCAACCATCCACAAGACACAGTACT
GAGATAACCGCTCATCGCCAGTACCCAGCCAACTCATTCTACTACCCAGCCTCAAGTCTTGGCCAC
CCATTGCCAAAGTGACCTTCGTGCGGCTACGGCAGAGTCCAGAGCCTTTGCCACCTTCCCTGGACCT
GGCCAGCAGAGGAAATGAAATCGTTGACAGCCTCTCAGTTCAGAGACACCGCTGGACTGTGAAGTTTCC
CTGTGGTTCATCTGGGACTGTGCGGAGGGCCATGTGAAAGTTGGGAGCCAAGAGCAGAAGTCTGATG
TGGTGTTCAGCCTGCTAACAATGGGACTCCCTGTCCCGAGCTTGAAGAAGAGGCTGAGTGTGCCCCAGA
TAACTGTGTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_138533
Insert Size:	993 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:	NM_138533.3 , NP_612542.1
RefSeq Size:	1773 bp
RefSeq ORF:	993 bp
Locus ID:	171569
UniProt ID:	Q9WV75
Cytogenetics:	14q21
Gene Summary:	promotes cell adhesion and outgrowth of embryonic hippocampal neurons [RGD, Feb 2006]