

Product datasheet for RN202314

Spp2 (NM_053577) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Spp2 (NM_053577) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Spp2
Synonyms:	MGC108864
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN202314 representing NM_053577 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGCTGGCAACGATGAAGACGCTGGTTATGTTGGTGCTGGGAATGCACTACTGGTGTGCCTCAGGTT
 TCCCGGTGTACGACTACGACCTTCCTCTCTGCAAGAAGCTCTCAGTGCCTCAGTGGCTAAGGTGAAGTCA
 GCAATCCCTGAGTCCTTACCTGTTTCGGGCGACGCGGAGCTCCCTGAAGAGAGTTAATGTCCTGGATGAA
 GACACACTGGTCATGAAGTTAGAGTTCACCGTTCAGGAACTACATGCCTAAGAGAGTCTGGTGATCCCT
 CCACCTGCGCCTTCAAAGGGGCTACTCTGTGCCAACAGCTGCTTGCAGGAGCACAGTGCAGATGTCCAA
 GGGACAGGTGAAGGATGTGTGGGCTCACTGCCGCTGGGCGTCCACATCCGAGTCCAACAGCAGTGAGGAG
 ATGATTTTTGGGACATGGCAAGATCCCACCGACGAAGAAATGATTATCTACTTGGCTTTCTTTATGATG
 AACCCAAAGGTGAGCAGTTCTATGACCGGTCGATTGAGATCACGAGGAGGGGACATCCTCCTGCCATAG
 AAGGTTCTGAACCTCCAACGCAGAGCAAGAGTCAATTCTGGCTTTGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_053577
Insert Size:	612 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:	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>NM_053577.1</u> , <u>NP_446029.1</u>
RefSeq Size:	947 bp
RefSeq ORF:	612 bp
Locus ID:	94168
UniProt ID:	<u>Q62740</u>
Cytogenetics:	9q35
Gene Summary:	Could coordinate an aspect of bone turnover.[UniProtKB/Swiss-Prot Function]