

Product datasheet for **RR214295**

Spata7 (NM_138862) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Spata7 (NM_138862) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Spata7
Synonyms:	RSD-3; Wmp1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RR214295 representing NM_138862
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATGGCAGCCGGAGAGTCCAGAGCCACCACTGTCTTCCAGATACAGCCCGCCATGCCTATTTACAG
 GACACTTGAGCACCAAGAGCAATGCTTTTTGCACTGACTCCTTCTCTCAGACTAACCACTCTCCAGCT
 GATCAAGAATCACATGGCTGTTCACTATAATAAAATCCTTTCAGCCAAAGCCGGTGGATTGCTCAATT
 CCAGTAAGTGTGAATGCTAGCATCAAATATGCTGACCAACAACGAAGAGAGAACTGAGGAAGGAGTTGG
 CACGATGTGAAAAGGAGTTAAATTAAGTAAATCTGCGATGCAGACCAATTCTAAGATGAATCCAAGTT
 CTTTGTAACTCTCTACAGAGCCCTCAGGGGAACCACAAGACCAGGATGTGTTAATTGAAGAAAGATTG
 ACAAGATACCCATCATTTCAAAGTCACTCATCCCTTCGCCAGAGGGACTACATCTAAGTCTACCTGAGT
 CAAATAAAATCCTCATGAATGGCACCCAGAAGTATCCAGCACCGCTCCACCCAGGTAAGTCTCAGGCTGTGG
 ACATGGCTATGACAGGAGCCTAGGAGTGCCACCAGTCCAGGTAGTCAATTTCCAAGACGCTAGTGGA
 GATCTTTTGAAAAGCAGCTGACCTCTTCTCTAACACCAATCACCATTCACTCCACGGACTTTAAAAA
 CAGAAGCAAAGTCTTCTTTCACAGTACCGCTATTACACACCTGCTAAAAGAAGAGGGATTTCTCAGA
 TCAGCGGATGGAGGCTGAAACCCAACTGAATTAAGCAGCTTAACTCTGAGCTTGGGACAGCTGAAAAA
 AAGAGCTCAAAGGATTGAGACATGAGCATAAAACAGGCACCTAATTACATGAGAAATGGTGTGAAGACA
 AAATAGCTCCTTATCCTTACAAGGACAAAATAGCATGGGACAAGAGTAAAGATGGGATTCTGCAGCC
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 GTTCTCTTTCCCGGTGAATTTCTGTTACCTGCCATAAAGTCAAGCATTGAGAAGGTGTTATAGTCCAA
 CAGGTCAATGATGAAACAGATTTCAAGCCTTACCCTGGGACGGAACAATCCAAGTGTCTGACAGTT
 TTATAGACCAGGAGACCTCTGTGGATGTCATTGAAGGTGACAGTACTTTGAAATGGTTGAGACTCCAG
 GGAAGTCTGCTGTCTGAGCACATCACTGTCCCATCTGTTCCACTCCCAGCATTGAAGGTGGCAGTAAT
 CATGATAAGGAATTATCGACTCTAAAAATCATGGAATGAGCATTGAAGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR214295 representing NM_138862
 Red=Cloning site Green=Tags(s)

MDGSRVRATTVLPYSPPLFTGHLSTKSNFCTDSSSLRLTTLQLIKNHMAVHYNKILSAKAAVDCSI
 PVSVNASIKYADQQRREKLKELARCEKEFKLSKAMQTNMNSKFFVNSLQRPSGEPQDQDLIEERL
 TRYPSFSKSLIPSPEGLHLSPESNKILMNGTQKYPSTAPPRYSGCGHGYDRRPRSAHQFQVVISKTPSG
 DLLEKHADLFSNNQSPFTRTLKTEAKSFLSQYRYTTPAKRRRDFSDQRMEAETQTELSFNSLGTAEK
 KSSKSDMSIKQAPNYMRNGAEDKIAPLSLQGNLAWDKSKDGILQPSSERAPCTQFSPDSKIYSDEEEL
 LYL SFMENVTD EILKLG LFSNRFLERL FERHIRKNKHLEEGKMRYL LHGLKVDLGCISEEEQNSFRIFN
 EFHFQKALTSRENRFINDTEAVNHHERQQYQEALNMLSSVPKDENKMF SFPGEFLLPAHKVKHSEGVIVQ
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 HDKELSTLKIMEMSIED

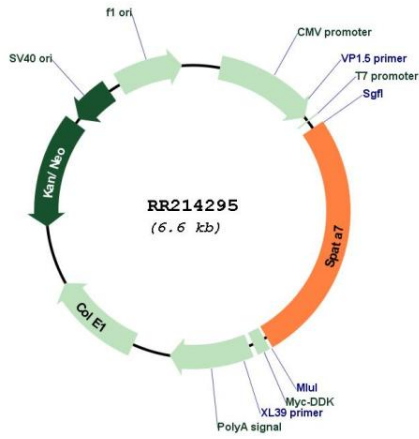
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Gene Summary: may play a role in spermatogenesis [RGD, Feb 2006]

Product images:



Circular map for RR214295