

Product datasheet for **MC205001**

Spata24 (NM_029485) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Spata24 (NM_029485) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Spata24
Synonyms:	2700012K08Rik; 4930583E11Rik; 5133400G04Rik; AU016220; TIPT; TIPT2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC060950 GGGGGCAAAGATGGCGACGCCCTTGGTGGTCGCAGGGGGCTCTGGATCAGTGTGTCTCGCCTTCGA TCAACTGCGGGACGTGATTGAATCTCAGGAGGAATTATCCACCAGCTGAGGAATGTGATGTTCTCCAG GATGAGAATTTTGTGAGTAAAGAAGAATCCATGAAATAGAGAAGAACTGGTGGAGGAGAAAGCTGCTC ATGCCAAAACCAAGCCCTCCTGGCCAAGGAAGAAGAGAAGTTACAGTTTCTCTGGGAGAGGTGGAGGT GCTGTCCAAGCAGCTGGAGAAAGAGAAGATGGCCTTTGAAAAAGCGCTCTCCAGTGTCAAGAGCAGAGTC CTGCAGGAGTCCAGCAAGAAGGACCAGCTCATCACAAGTGAATGAAATTGAATCCCACATTATAAAGC AAGAAGATATACTTAATGGCAAAGAGAATGAGATTAAGAGTTGCAGCAGGTTATCAGCCAGCAGAAAACA GAATTTAGGAATCACATATCTGACTTTCGGATCCAAAAGCAGCAGGAGACCTACATGGCCAGGTGCTG GATCAGAAGCGTAAGAAAGCCACAGGAATGCGTCGGGCCCGTAGCCGTCAGTGTTCAGGGAGAAAATAAA CTGCTGGTTATCTTCTGTTCTCTAA AAAAAAAAACCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
Restriction Sites:	Sfil-Sfil
ACCN:	NM_029485
Insert Size:	618 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).



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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: [BC060950](#), [AAH60950](#)

RefSeq Size: 739 bp

RefSeq ORF: 618 bp

Locus ID: 71242

UniProt ID: [Q6P926](#)

Cytogenetics: 18 B2

Gene Summary: Binds DNA with high affinity but does not bind to TATA boxes. Synergises with GMNN and TBP in activation of TATA box-containing promoters and with GMNN and TBPL1 in activation of the NF1 TATA-less promoter. May play a role in cytoplasm movement and removal during spermiogenesis.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) contains additional coding exons at the 3' end compared to transcript variant 1, and encodes a longer isoform (2) with a different C-terminus compared to isoform 1.