

Product datasheet for **RN203608**

Spink13 (NM_001109539) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: Spink13 (NM_001109539) Rat Untagged Clone

Tag: Tag Free

Symbol: Spink13

Synonyms: Spink5l3

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >RN203608 representing NM_001109539
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACAAGAAGGGCTGCTGGCCACACAGGATCATCTTCTCCCTCACTTTTGACTTGGACACATGTTA
CTTTAGCAGCACTTATCAGATCACATACCTTTTCTAACTGGCCTAAGCCCCATGCAAAATGATTACCC
AATAGACCCTGATTATGAAGCAAAGTCCAGATGTGATAGCGCTGGTTGTGCTACCAATGGCTTGAAC
TACAAGAACGAGTGCTTCTTTGCATTGATCGGTGGGAGTTGGACCTCACATCGAGTTTGTCAAATATG
GAAAATGTGAATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001109539

Insert Size: 294 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:	<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>NM_001109539.1, NP_001103009.1</u>
RefSeq Size:	653 bp
RefSeq ORF:	294 bp
Locus ID:	689570
UniProt ID:	<u>D3ZVP0</u>
Cytogenetics:	18q12.1
Gene Summary:	May be a serine protease inhibitor (By similarity). Essential for sperm maturation and fertility. Inhibits sperm acrosome reaction, protecting sperm from premature reaction. [UniProtKB/Swiss-Prot Function]