

Product datasheet for **MC214956**

Spink6 (NM_001013797) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Spink6 (NM_001013797) Mouse Untagged Clone
Tag: Tag Free
Symbol: Spink6
Synonyms: EG433180
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC214956 representing NM_001013797
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAAAGTAGCAGGTGTCTTTCTGCTCCTCTCTGGCTTTCTCTGCTTTTTCTCAGGTGCCTTCAGTC
AAGGAGGACAGGACAAAAGAGGCTGGATACAAGATCAGAGGGCCGATTCCAGGAAAGGTGTCTTAAG
GCATCGTCTCTTTCAAATTAATTGTGGTGAGTTCCGTGACCCCAAGGTCTCTGCACTAGGGAATCTGAC
CCACTCTGCGGCTCTGATGGCCAGACATATGGGAATAAATGTGCCTTCTGCAAGGCATTGGAGAAAAGCT
CTGGGAAGATCAACCTGAAGCATCGTGGAAATGCT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001013797

Insert Size: 318 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: [NM_001013797.1](#), [NP_001013819.1](#)

RefSeq Size: 587 bp

RefSeq ORF: 318 bp

Locus ID: 433180

UniProt ID: [Q8BT20](#)

Cytogenetics: 18 B3

Gene Summary: Serine protease inhibitor selective for kallikreins. Efficiently inhibits KLK5 and human KLK2, KLK4, KLK5, KLK6, KLK7, KLK12, KLK13 and KLK14. Doesn't inhibit human KLK1 and KLK8. [UniProtKB/Swiss-Prot Function]