

Product datasheet for **MG220260**

Spink6 (NM_001013797) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Spink6 (NM_001013797) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Spink6
Synonyms: EG433180
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG220260 representing NM_001013797
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAAGTAGCAGGTGTCTTTCTGCTCCTCTCTGGCTCTTCTGCTTTTCTCAGGTGCCTTCAGTC
 AAGGAGGACAGGACAAAAGAGGCTGGATCACAAGATCAGAGGGCCGATTCCAGGGAAAGGTGTCTTAAG
 GCATCGTCTCTTTCAAATTAATTGGTGAGTCCGTGACCCCAAGGTCTTCTGCACTAGGGAATCTGAC
 CCACTCTGCGGCTCTGATGGCCAGACATATGGAATAAATGTGCCTTCTGCAAGGCATTGGAGAAAAGCT
 CTGGGAAGATCAACCTGAAGCATCGTGGAAATGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG220260 representing NM_001013797
 Red=Cloning site Green=Tags(s)

MKVAGVFLLLSLALLCFFSGAFSQGGQDKRGWITRSEGRFPGKGVLRHRLFQINCGEFRDPKVFCTRES
 PLCGSDGQTYGNKCAFCCKALEKSSGKINLKHRGKC

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI


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Cloning Scheme:



ACCN: NM_001013797

ORF Size: 315 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

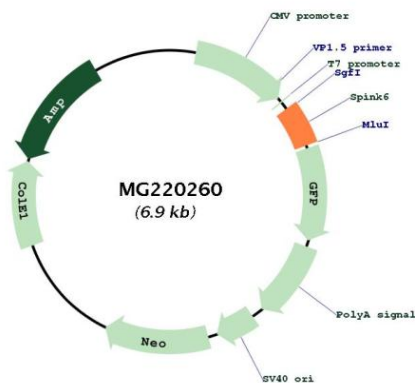
RefSeq: [NM_001013797.2](#)

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]

Product images:



Circular map for MG220260