

Product datasheet for **MC201479**

Frs3 (NM_144939) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Frs3 (NM_144939) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Frs3
Synonyms:	4930417B13Rik; AI449674; Frs2beta; Snt2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC014819 sequence for NM_144939
 GGCGGCGGCGGCTGCTGCAGCGGGACCCGGGAGCGGGGCCCGGCCCGCCTGGGCGCGGGGCGATGTGA
 GCCCCAGGTGTGACCCAGGGATCCAGGTGACATCTCTGCAGACACTCTGCCATGACACCCACCAAGGA
 CAAGGGGACTAAAGGAGGAACATTTCCCATGCCCTCCCATGGTCAGCTCCCCGATGGCCTGGGTGAGA
 GCCGATAGGCTGCTCTGACACCATGGGGAGCTGCTGGAGCTGCCTGGACAGAGACAGCGTGCCGCACAAC
 CACCCACCAAGTCAAGGTGACCAATGTGGATGATGAAGGGTGGAGTTGGGCTCGGGGTGATGGAGC
 TGACCCAGAGTGAGCTGGTGCTACACCTGCACCCAGCGGGAAGCTGTCGGCTGGCCCTACCTCTGCCTGG
 GCGCTATGGCTACGACTCCAATCTCTTCTCCTTTGAGAGTGGCCGCCGCTGTGAGACAGGCCAGGGCATC
 TTTGCATTCAAGTGTTCGAGGGCAGAGGACATCTTCAACCTGCTGCAGGACCTCATGCAAGTGAACAGCA
 TCAACGTGACGGAGGAGCCGGTATCATCACGCGGAGCAGCCACCCAGAGCTGGACCTGCCTCGAGG
 GCCCCACAGCCCGCTGGCTACACGGTCTCTGGCTTCTCCAATGGCTTCCCTGGCTGCCCTGGAGAGGGC
 CCACGGTCTCCTCCGACCTCGCCGACCTCCACAAGCAGTCTGCGACACCCCTCGCCTGGGGAAGAGT
 CTACCCACACCCCTCATTGCCTCCGAGGAGCAGTCTCACACCTATGTCAACACACCAACTGGGGATGAGGA
 TGGCAGAAGTCGCCACTGCCTGCAGCCACTGCCTGAGGGCAGGGTACCCCTCCCAGCACAGACACAGGGT
 TCCGACCAGCGAGACCCACAGGTGTTGCTCCAGCCAGGGCAGGTCAAGTTCGTGCTGGGCCCCACCCCTG
 CTCGGCGGCAGGTGATGAAGTGCCAGAGCCTCTGCCCGGCATGCAGGACCTCCCCATCAACAACAA
 CGAGGGCCCTTCTGAGTGCCAGCCAGCCAAATGCACCTACGAGAACGTCAGCGGGGGCTGCAGCAA
 GGGGCTGGCTGGAGACTGAGCCCTGAGGAGCGAGGGTGGAGTGGCCTGGCCCACCGTCGGGCGGCCCTGC
 TGCACTATGAGAACCTGCCCCCACTTCCCCAGTGTGGGAGAGCCAAGGTCAACAGCCGGGAGGGGAGGC
 TGGGGATGATGGGGACTCCAGGGACGGGCTTACCCCGTCTCAAATGGCTTCCCTGATGGCGAGGAGGAT
 GAAACCCCGCTACAGAAACCCAGCAGCGGGCCTCCGCCGTAGCCACAGCGGCTTCCCTGTCCCAC
 TGACCCCGCGACGAGGCTCCCGCGGGTCTTCACTTTGATTTCCGCCGCGAGGGCCCTGAGCCCCAAG
 GCAGCTCAACTACATCCAGGTGGAGCTCAAGGGCTGGGGTACAGCCCGTCCCAAGGGGCCCAGAACCC
 TCAGTGTCTGGAGCTCCTGGGCCACCCACACCCCTGTTTCGAGCTCAGACTCGTATGCCGTGATTGACC
 TCAAGAAAACGGCGCCATGTCCGACCTGCAGAGGGCTCTGCCCGAGATGATGGCGGGTCAAGGAGAC
 TCGGCACAACAGCACCGACTGCCTCTGTAGACCTGGGCCTCCGCCTGCCTCTGCCTACAGCAGGGGACT
 CCACCTCACCCACAGCCAGGACTTTCAGCTGCTCTGCAGAAGACACTTCCCTGCATCGCCGAGTCCC
 CAAAGATGTCAGCCACTGAGTGTCCAGTCCCCAAGCTGGGGAGAGGAGAGGGGGAGCCGGAGAGGAGGG
 AACCATGGTGGAACTGTGAAGGTTCTCAAGTTGCATTTTCGCACCCCTCCCTAATGTCGGTTTTGTCTG
 TCTGTCTGCTGTCCATGTGTTTGTCTTTCAGTTTTTTTTTCTTTCCCTTTTTTTGTTGGAGTTTTGAG
 ACATTTTTGTACCTGTTGATTTTATTTATCAGTTTTATTTTCTATTTATGTTTTAAATGTAACCTAACA
 TATTTATTATAATAATTATTTTTAAATTCTGAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_144939

Insert Size: 1479 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).

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: [BC014819](#), [AAH14819](#)

RefSeq Size: 2150 bp

RefSeq ORF: 1479 bp

Locus ID: 107971

UniProt ID: [Q91WJ0](#)

Cytogenetics: 17 C

Gene Summary: Adapter protein that links FGF and NGF receptors to downstream signaling pathways. Involved in the activation of MAP kinases. Down-regulates ERK2 signaling by interfering with the phosphorylation and nuclear translocation of ERK2.[UniProtKB/Swiss-Prot Function]