

Product datasheet for **RN206504**

Efs (NM_001106033) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Efs (NM_001106033) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Efs
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN206504 representing NM_001106033
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGCCATTGCCACGTCGGCCAGCTTGCCCGGCACTGTACGACAACACGGCTAGTCCCCCAGGAGC
 TGTCTTCGCGCCAGGGGATGTTCTACGGTACTGCAGAGGGAGGGCGCTGGTGGACTCGATGGTTGGTG
 CCTTTGCTCCCTGCATGGCCAGCAGGATTGTCCCTGCTAACAGAGTGAAGCTCCTTCCTGCTAGCCCA
 GCACCCAGCCTAGCCTCTGCCAGCACCTCCACCCAAACCGGGTGCTCATCATGCCCCACCCAGAGC
 GCGGCTGTGAGGAGCAGGAGGTGTATGTGATACCACCACAGCTCGACCCTGCTCTGCCTCAGGACTTCC
 AGCTAGATCCTGTTGCGCCTCTCCGACTCCATCTACAAGTCCCAGAGTCAATGGGATACAGTGAAT
 GCGCCAGAGATGTGGGAGAGGTCTATGATGTGCCTCCCAACATCCTCCGGGCTCCCTCCAATTGCCCT
 ATGATTCCCCAGCCTCCTTTCTGTCTGCGACCCAGTTGTCCACAGCCCCCTGGAGAGGATGAAGC
 TCCCTATGATGTGCCTCTGGCCCTGAAGTCACCTGCAGAGATGGAGCCTGACCTGGAGTGGGAAGGGGC
 CGGGAGCCAGGGCTCCCTTTACGCTGCCCTTCCAACCTAAAGCGGGCTCTGCCCTGCTCAACCTGT
 ACGAAGCACCTGAAGAACTACTGGCAAACGGAGAAAGCCGGGATGCAGATGAAGGCATCTACGATGTGCC
 TCTGCTGGGGCCAGAGCCACCGTCACCAGAGCCCCAGCAGCTTCTTCTCCGCCGACCCGGACACTGTG
 GCCCAGCTTCTGACCAGAAGCCCTCCACCCCAACATAGGCCAGACTACCATCCACTGAGAGCCTGTCCC
 GCCGCCCTCTGCCTGCCCTCCCGGTCTCTGAGGCTCCTGCTCCTTCTCCAGCACCTTCTCCTGCCCCAGG
 CCGAAAGGGCAGTATCCAGGACAGGCCTTCCCCCTCCCCGCCCTGCCTGCCCGTTATGGGGGCCTC
 AAACCGGAGGGAGATCCAGAGTGCAGGGAGGTAGACAGTGATTGAGGAGGCCCTCACAATGAATATGAAG
 GCATCCCAATGGCCGAGGAATATGACTATGTGCATCTGAAGGGTGTGGATAAAGCTCAGGGTTCTAGACC
 CCTGGATAACGCTTTCCAGCGGATCCTGAACCTGCTGGAGAGGGGACTGGTGGAAACAGAAGGAAGCCCTG
 TCCCCAGAGGAGCCACTGGTCTGTCCACTGGAGATCTACAGCTTCTGCACTTCTATGCGGGGAATGCC
 AGAGCCACTACTCAGCTCTACAGACTGTGTGGCAGCTCTCATGTCCAGTACCCAGGCCAACAGCCGCC
 ATGTCTCTTTGTGCCCCACGGCAAACGAGTGGTGGTGGCTGCCACCGCCTGGTATTTGTTGGGGACACC
 CTAGGCCGGCTGGCAGCCTCTGCACCTCTCCGAGCACAGGTGGGGGTGCAGGTACAGTGTGCCCAAA
 CCTTGGGGCCACTGTGCTTGTGTCAAGGGGGCCGCTTAGGTTACCCATCTGACACTGCGGTCCAAGA
 GATGGCGCGATGTGTGGCAGAGCTGCAGGGCAGGCCCTACGCTTACCACCCTACTCGCTGGCCTGCTC
 CCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001106033

Insert Size: 1686 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: NM_001106033.2, NP_001099503.1

RefSeq Size: 2529 bp

RefSeq ORF: 1686 bp

Locus ID: 290212

Cytogenetics: 15p13