

Product datasheet for **RN202635**

Efl1 (NM_001107534) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Efl1 (NM_001107534) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Efl1
Synonyms:	Eftud1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN202635 representing NM_001107534 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGCTCAGTGGTCTTGATAAGATGATTCAACTTCAGAAGAACACTGCCAACATTAGGAATATCTGTG
TTTTGGCTCATGTTGACCACGGAAAACTACCCTTGCTGATTGTCTTATATCCAGTAATGGAATCATCTC
CAGCCGCTCTGGCAGGCAAGTTAAGGTACATGGACAGCAGAGAAGATGAACAGGTGAGGGATCACCATG
AAGTCCAGCGCCATTTCACTACATTATGCAGAAGGTAGTGAGGAGTACCTGATTAATCTGATAGACTCTC
CTGGACATGTGGACTTCTCCTCAGAAGTCTCGACCGGTTTCGCATTTGTGACGGATGCATTATAGTGGT
GGATGCTGTGGAGGGCTCTGTCCACAGACACAGGCAGTTCCTCGACAAGCCTGGCTTGAAACATCCGC
CCTGTTTTAGTGATTAATAAGATAGACCGCTGATAGTGAAGTAAATTCACCCACAAGAGGCCTATT
CTCACCTCAAGAATATTTTAGGACAGATTAACGCCTTACAGGAAGTCTTTTACTTCTAAAGTCTAGA
AGAAAGAGCAGAGAGAGAGACAGAATCCAGGCGAAGTCACATTCTGAACAAGGAGATCAAGTGTACGAC
TGGAGCACAGGCTTGGAGGATGTGGACGACTCTCAGCTGTACTTCTCCAGAGCAGGGCAATGTGGTGT
TCACCAAGTGAATAGATGGCTGGGGCTTTGGAATTGAGCACTTCGCCAGAATCTATAGTCAAAAAATTGG
CATCAAGAAGGAAGTTCTTTTGAACCTTTGTGGGAGATTATTACATAAATATGAAGGCTAAAAAGATT
ATGAAAGTTGATCAGGCCAAAGGAAAGAAACCTTTATTTGTACAGTTGATCCTGGAAAATATATGGAGTT
TGTATGACGCGGTCTTGAAAAAGACAAAGAAAAAGTTGATAAAATTGTGACTTCTTTGGGATTAAAAAT
TGGAGCCCGGGAGGCACGACATTAGACCTAAAGTCCAGATCAATGCCATTTGCAGCCAGTGGCTTCCC
ATCTCCACGCGGTCTCGCTATGGTGTGTGAGAACTGCCAGTCCCCTTGACATGACATCTGAGCGAG
TGGAGAACTGATGTGCACAGGATCACAGACGTTTGAGTCTCTCCCCTGGAAACCAAGCCCTGAAAGC
AGCTTTTATGAAATGTGGAAGTGAGGATACTGCTCCGTTATTATCTTCGTTTCCAAAATGTTTGCAGTT
GATGTGAAAGCCTTGCTCAGAATAAGCAAGGCCTCTCACTCAAGAAGAAATGGCCAGAGACGTGAAC
GTGCAAGACAAAGGCATGCAGAAAAGCTTGACGAGCACAGGGGCAAGCACCCAGGACCCACCCAGGA
TGGAGGTGCCCTTGAAACAAGTCCCAGGAAGATGAGCCAAGAGGTGAGGAACCAGATATGACAAGTGA



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AGCCGTCAACCTGCACCCAGGAAGAGAGCAGCCAAGAGGCCTTTATTGCATTTGCTCGTGTGTTCAAGT
GTGTAGCTCGAAGAGGAAAGAAAATTTTCGTCTTGGGACCTAAGTACAGTCCTGTTGATTTTTTACAGCG
GGTTCCACAAGGCTTCTCAGCTCCACTAGAGGACCTCCCTCCTGTGCCCCACATGGCATGCTGTACTTTG
GAGAACCTGTATCTTCTGATGGGAAGGGAGCTGGAAGATTTGGAGGAAGTCCCCCAGGAAACGTGCTGG
GAATTGGAGGCTCCAGGACTCTGTGTTGAAATCTGCGACTCTGTGCAGCCTGCCCTCTTGCCCGCGTT
CATCCCCCTCAACTTCGAAGCCACCCCTATTGTGAGAGTTGCTGTTGAACCAAAACATCCAAGTGAATG
CCTCAGCTCGTGAAAGGAATGAAGCTGCTAAACCAAGCTATCCCTGTGTCCAGATTTTAATTCAAGAAA
CAGGAGAGCATGTTTTGGTCACAGCCGGGAGGTCCACCTTCAGCGATGTTTGGATGACTTAAGAGAAAAG
GTTTGCAAAGATTCACATCAGTGTATCTGAACCCATTATTCTTTTCAGAGAGACGATCACAAAACCTCCC
AAAGTTGACATGGTCAATGAAGAAATAGGCAGGCAACAAAAAGTTGCTGTCATACACCAAAACAAAAGAG
AGCAAAGCAAAATCCCAGAGGGGATCCTCGTGGACTCTGATGGGCTTATCACCATACCAACACCAATAA
ACTGGCCACACTCAGCGTCCGTGCCATACCACTCCAGAAGAAGTCACTCGGATTCTGGAAGAAAACAGC
GACTTGATTCTGTTCCATGGAGCTTTTAACATCCTCCTTGAATGAGGGTAGAAATACTCAGGCCATTATC
AGAAGACCAAGAGAAAATCTGGGAATTCAAAGGAAAACCTAGAGAAACACTTAACAGGGAGGAAATGGAG
GAACACTGTTGACCAATCTGGTCATTTGGCCCCAGAAAATGTGGACCAACATCCTAGTCAGTAGAAGT
GAAGATTTCCAGAGCTCCGTGTGGTCTGCCCCAGCTGGCAGAGAATCAAAAGAAGCCAGTAGATTCCGAG
ACTTCGGCAATAGCATTGTGAGCGGCTTCAGCTAGCGACTCTCTCTGGCCCCATGTGTGAGGAGCCCT
CATGGGTGTCTGTTTCGTCTAGAAAAGTGGGAGCTAAATAATGTGCAGAACAGGAGCAAGTGATAAA
CAGAGCCAAGGTCAAGTGTGATCTGACAGGAGAGGGACAGGAGAAAAGTAAACCTGTCCCGTTGGAGATG
AAAACCAAGAGCAACAAGATGGCTACTCAGAGCCCTTTGAAGAGACTTCCAGAAAGGAGACTCTCCAGT
CATAGACTGCTATGGACCTTCTCTGGGAGCTAATTGCCACCATGAAAGAAGCATGCCGCTATGCTCTG
CAGGTGAAGCCTCAACGGCTGATGGCAGCGATGTACACATGTGATATCATGGCCACCAAGTACGTCCTCG
GCCGAGTCTATGCCGTGCTATCAAAGCGAGAAGGCCGAGTGCTTCAGGAAGAAATGAAGGAGGGGACGGA
CATGTTTCATCATCAAGGCTGTGCTGCCTGTGGCGGAGAGCTTCGGCTTCGCGGATGAAATCAGGAAGAGG
ACCAGCGGGCTGGCTAGCCCCAGCTTGTATTAGCCACTGGGAGGTCAATCCCAGTGACCCATTCTGGG
TGCCAACCACTGAGGAGGAGTACCTGCACTTTGGGGAGAAGGCAGATTCTGAGAACCAGGCCCGAAAGTA
CATGAATGCAGTGCGGAAGCGGAAGGGCCTCTATGTGGAAGAAAAGATCGTGAACATGCAGAAAAGCAG
AGAACCCTCAGCAAAAACAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_001107534

Insert Size:

3384 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_001107534.1, NP_001101004.1

RefSeq Size: 3621 bp

RefSeq ORF: 3384 bp

Locus ID: 308789

Cytogenetics: 1q31