

Product datasheet for RR216482

Eif3f (NM_001277302) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Eif3f (NM_001277302) Rat Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Eif3f
 Synonyms: Eif3s5
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 ORF Nucleotide Sequence: >RR216482 representing NM_001277302
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCATCCCCAGCCGTACCGGCTAGTGTCCCTCCGCCACTGCAGCCGAGCCCCGGCGCCGGCCGTCA
 CCTCAGCCCCGGTTCAGCCCCGACCCACCCAGCCAGCTCCAGCACAGGCTGCGACTCCCGCTGCGGC
 ACCGGCTCCCGTCTCGTCTGATCCTGTGTAGCTACGCCTGCAGCTCCGGGCCAGACCTCAACCTCCAGC
 CCAGCCCCGCGCAGACGCCGGCCCTCGCAGCCGGGCCGGCCCTCCCGGGCCCTTTTCTGGCGGCC
 GCGTGGTCAGGCTACATCCAGTCATTTTGGCCTCGATCGTGGACAGCTATGAACGCCGAACGAGGGAGC
 TGCCCCGAGTTATCGGAACCCTGCTGGAACTGTTGACAAGCACTCGGTAGAAAGTACCAACTGCTTTTCA
 GTGCCACACAATGAGTCAGAAGATGAAGTGGCTGTTGACATGGAATTTGCCAAGAATATGTATGAATTGC
 ATAAGAAAGTCTCCCAAATGAGCTCATCCTAGGCTGGTATGCCACAGGGCAGACATCACAGAGCACTC
 GGTGCTGATCCATGAGTACTACAGCAGGGAGGCCCGAACCCATTACCTCACAGTGGACACGGGTCTT
 CAGAATGGGCGCATGAGCATCAAGGCCTATGTCAGCACTTAATGGGCGTCCCTGGGAGGACCATGGGAG
 TGATGTTACCCCTCTCACAGTGAAGTATGCGTATTATGACACTGAGCGCATTGGAGTTGACCTCATCAT
 GAAGACATGTTTTAGCCCAACCGGTGATTGGACTCTCAAGTACTTACAGCAAGTGGGAGGGCCCTCA
 GCCCGGATCCAGGATGCTCTAAGCACTGTATTGACAGTATGCTGAGGATGTGCTGTCTGGAAAGTGTCTG
 CTGACAACACAGTAGGCCGCTTCTTGATGAGCCTTGCAACCAAGTACCAAGATAGTTCCTGATGACTT
 TGAAACCATGCTCAACAGCAACATCAACGACCTGCTGATGGTGACCTACCTGGCCAATCTCACCCAGTCA
 CAGATTGCCCTCAACGAGAACTTGTAACCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR216482 representing NM_001277302
 Red=Cloning site Green=Tags(s)

MASPAVPASVPPATAAAAAPAVTSAPASAPTPPTPAPAQAATPAAAPAPVSSDPAVATPAAPGQTSTST
 PAPAQTPAPSQPGPALPGPFPGGRVRLHPVILASIVDSYERRNEGAARVIGTLLGTVDKHSVEVTNCF
 VPHNESEDEVADMEFAKNMYELHKKVSPNELILGWYATGHDITEHSVL IHEYYSREAPNPIHL TVDTGL
 QNGRMSIKAYVSTLMGVPGRTMGVMFTPLTVKYAYYDTERIGVDLIMKTCFSPNRVIGLSSDLQQVGGAS
 ARIQDALSTVLQYAEDVLSGKVSADNTVGRFLMSLVNQVPKIVPDDFETMLNSNINDLLMVTYLANLTQS
 QIALNEKLVNL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

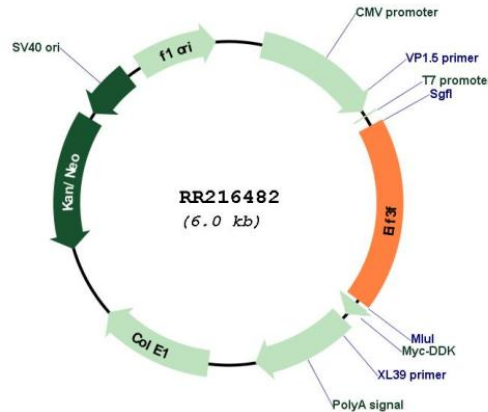
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001277302

ORF Size:	1083 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:	<ol style="list-style-type: none">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_001277302.1 , NP_001264231.1
RefSeq Size:	1280 bp
RefSeq ORF:	1086 bp
Locus ID:	293427
Cytogenetics:	1q33
MW:	38 kDa