

Product datasheet for **RR216404**

Fosb (NM_001256509) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fosb (NM_001256509) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fosb
Synonyms:	fra-2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR216404 representing NM_001256509 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTTTCAAGCTTTCCCGGAGACTACGACTCCGGTCCCGGTGTAGCTCATCACCTCCGCCGAGTCTC
AGTACCTGTCTTCGGTGGACTCCTTCGGCAGTCCACCCACCGCCCGCCTCCAGGAGTGCGCCGGTCT
CGGGAAATGCCCGGCTCCTTCGTGCCAACGGTACCGCAATCACAACCAGCCAGGACCTTCAGTGGCTC
GTGCAGCCACCTCATCTCTTCATGGCCAGTCCCAGGGGAGCCACTGGCCTCCAGCTCCAGCTG
TTGACCCTTATGACATGCCTGGAACCAGTACTCAACCCGGGCTGAGTGCCTACAGCACTGGTGGGGC
AAGCGAAGTGGTGGCCTTCAACTAGCACAAGCACCAGTGGACCCGTGTCTGCCGCCAGCCAGAGCC
AGGCCTAGAAGACCCCGAGAAGAAACACTTACCCAGAAGAAGAAGAAAAACGAAGGGTTCGAGAGAGC
GGAACAAGCTGGCTGCAGCTAAATGCAGAAACCGTCCGAGGGAGCTGACAGACCGACTCCAGCGGAAAC
GGATCAGCTCGAAGAGGAAAAGGCAGAGCTGGAGTCGGAGATCGCCGAGCTGCAAAAAGAGAAGGAACGC
CTGGAGTTTGTCTGGTGGCCACAACCGGGCTGCAAGATCCCTTACGAAGAGGGGCCGGGGCCAGGCC
CGCTGGCCGAGGTGAGAGATTTGCCAGGGTCAACATCCGCTAAGGAAGACGGCTTCGGCTGGCTGCTGCC
GCCCCCTCCACCACCGCCCTGCCCTTCCAGAGCAGCCGAGACGCCACCCCAACCTGACGGCTTCTCTC
TTTACACACAGTGAAGTTCAAGTCTCGCGACCCCTTCCCCGTTGTTAGCCCTTCGTACACTTCTCGT
TTGTCTCACCTGCCCGAGGTCTCCGCTTCGCCGGCTCCCAACGCACCAGCGGACGAGCAGCCGCTC
CGACCCCTGAATCGCCCTCCCTTCTTGCTCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR216404 representing NM_001256509
 Red=Cloning site Green=Tags(s)

MFQAFPGDYDSGSRCS SSPSAESQYLSSVDSFGSPPTAAASQECAGLGEMPGSFVPTVTAITTSQDLQWL
 VQPTL ISSMAQSQGQPLASQPPAVDPYDMPGTSYSTPGLSAYSTGGASGSGGPSTSTSGPVSARPARA
 RPRRPREETLTPEEEEEKRRVRRERNKLAALKCRNRRREL TDRLQAETDQLEEEKAELESEIAELQKEKER
 LEFVLVAHKPGCKIPYEEGPGPLAEVRDLPGSTSAKEDGFGWLLPPPPPPPLPFQSSRDAPPNLTASL
 FTHSEVQLGDPFPVSPSYTSSFVLTCEVSAFAGSQRTSGSEQSPDPLNSPSLLAL

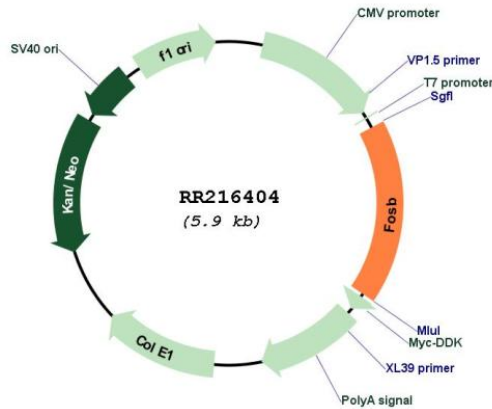
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001256509

ORF Size: 1014 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_001256509.1 , NP_001243438.1
RefSeq Size:	3251 bp
RefSeq ORF:	1017 bp
Locus ID:	100360880
Cytogenetics:	1q21
MW:	36 kDa