

Product datasheet for **RN202936**

Efnb3 (NM_001100980) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Efnb3 (NM_001100980) Rat Untagged Clone
Tag: Tag Free
Symbol: Efnb3
Synonyms: ELK-L3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN202936 representing NM_001100980
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGGGGGCCCCATTTGGGCCAGGGGTGTGCAAGTCGGGGCCCTGCTGCTGTTAGGTTTTGCGGGC
TGGTGTCTGGACTCAGCCTGGAGCCTGTCTACTGGAACCGCGAATAAGAGTTCCAGGCAGAGGGTGG
TTACGTGCTTTACCCTCAGATCGGGGACCGGCTAGATCTACTTTGTCCCCGGGCCGGCCTCTGGCCCC
CACTCCTCTCCTAGTTATGAGTTCTACAACTGTACCTGGTAGGGGTGCCAGGGTTCGGGTTGTGAGG
CACCCCTGCCCAAACCTTCTTCTCACATGTGACCGGCCAGACCTGGACCTCCGCTTACCATCAAGTT
CCAGGAATACAGCCCTAACCTCTGGGGCCACGAGTTTCAGATCCCACCACGATTACTACATAATTGCCACA
TCAGATGGGACCCGGGAAGGCCTGGAGAGCTTGCAGGGAGGTGTGTGCCTAACAGAGGCATGAAGGTGC
TTCTGCGAGTGGGACAAAGTCCCCGAGGAGGAGCTGTACCCGAAAACCTGTGTCTGAAATGCCCATGGA
GAGAGACCGAGGGGACAGCTCACAGCCAGGAGCCTGGGAAGGACAGCATACCAGGTGACCCCAACAGCAAT
GCAACCTCCCGGGGTGCTGAAGGCCCTGCCCTCCAGCATGCCCGGGTGGCTGGGCAGCAGGGG
GGCTGGCGCTGCTTTGCTGGGCGTGGCAGGGGCTGGGGTGGCATGTGTTGGCGGAGACGGCGGGCCAA
GCCTTCGAGAGTCGCCACCCTGGTCTGGCTCCTTTGGGAGAGGAGGTCTCTGGCCTGGGTGGTGGGA
GGGGGATGGGACCTCGGGAGGCTGAGCCTGGGGAGCTAGGAATAGCCCTGCGGGGTGGTGGGGCTGCAG
ATCCCCCTTCTGCCCTCACTATGAGAAGGTGAGTGGTACTACGGACACCCTGTGTACATTGTGCAGGA
TGGCCCCCCCCAGAGCCCTCAAACATCTACTACAAGGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001100980



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Insert Size:	1023 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:	<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:	<u>NM_001100980.4</u> , <u>NP_001094450.2</u>
RefSeq Size:	3114 bp
RefSeq ORF:	1023 bp
Locus ID:	360546
Cytogenetics:	10q24
Gene Summary:	ligand for Ephrin A4 receptor (EphA4), which is a molecular marker for mammalian excitatory hindlimb Central Pattern Generator (CPG) neurons [RGD, Feb 2006]