

Product datasheet for **MC206438**

Efnb1 (BC021656) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Efnb1 (BC021656) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Efnb1
Synonyms:	Stra1, LERK-2, EFL-3, Elk-L, Cek5-L, Eplg2, Lerk2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for BC021656, the custom clone sequence may differ by one or more nucleotides

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ATGGCCCGGCCTGGGCAGCGTTGGCTCAGCAAGTGGCTTGTGGCTATGGTCGTGCTGACGCTGTGCCGGC
TTGCCACGCCGTTGGCCAAGAACCTGGAGCCCGTGTCTTAAACCCTAAGTTCCTAAGTGG
GAAGGGCTTGGTGATCTACCCGAAGATTGGAGACAAGCTGGACATCATCTGCCCCGAGCAGAAGCAGGG
CGGCCCTACGAGTACTACAAGCTGTACCTGGTGCAGCCAGAGCAGGCGGCTGCTTGACGACTGTGCTTG
ATCCCAATGTACTGGTCACTTGAACAAGCCACACCAGGAAATCCGTTCCACCATCAAGTCCAAGAGTT
CAGCCCCAACTACATGGGCTGGAATTCAAAAAGTACCACGATTACTACATTACATCAACGTCCAATGGG
AGCTTGGAGGGACTGGAGAACCAGGAGGGAGGTGTGTGTCGCACCCGCACTATGAAGATCGTTATGAAGG
TTGGGCAAGATCCAAATGCTGTGACACCCGAGCAGTTGACTACCAGCCGCAAGCAAGGAGTCAGACAA
CACTGTCAAGACAGCCACACAGGCTCCTGGTCGGGGATCCAGGGTGACTCTGACGGCAAGCATGAGACT
GTGAACCAGGAAGAGAAGAGTGGCCAGGTGCAGGTGGCGGTGGCAGCGGGGACTCTGACAGCTTCTTCA
ACTCCAAGGTAGCATTGTTTCGCAGCCGTCGGCGCCGGCTGTGTCTTCTGCTCATCATCTTCTT
GACAGTCTACTACTCAAGCTCCGCAAGCGCCATCGCAAGCATACACAGCAGCGGGCGGCTGCCCTCTCG
CTCAGTACCCTAGCCAGCCCCAAGGGGTAGTGGTACAGCGGCCACCGAGCCAGCGACATCATATCC
CCTTACGGACTACAGAGAACAATACTGCCCCACTATGAGAAGGTGAGTGGGGACTACGGGCATCCTGT
CTACATCGTCCAGGAGATGCCCCCTCAGAGCCCGGCAACATCTACTACAAGTTTGA
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Restriction Sites:	RsrII-NotI
ACCN:	BC021656
Insert Size:	1038 bp



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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:	BC021656 , AAH21656
RefSeq Size:	2495 bp
RefSeq ORF:	1038 bp
Locus ID:	13641
Cytogenetics:	X 43.22 cM
Gene Summary:	This gene encodes a membrane protein that acts as a ligand for Eph family receptors. Signalling occurs bidirectionally in both the cell containing the receptor and the cell expressing this protein. Activity of this protein is important in neuronal axon growth and other developmental processes. [provided by RefSeq, May 2015]