

Product datasheet for RN215235

Efna5 (NM_053903) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Efna5 (NM_053903) Rat Untagged Clone
Tag: Tag Free
Symbol: Efna5
Synonyms: Lerk7
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN215235 representing NM_053903
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTTGCACGTGGAGATGTTGACGCTGCTCTTTCTGGTGTCTGGATGTGTGTTCAGCCAGGACCCGG
GCTCCAAAGTCGTCGCCGACCGCTACGCCGTCTACTGGAACAGCAGCAACCCAGATTCCAGAGGGTGA
CTACCACATCGATGTCTGTATCAATGACTACCTGGATGTTTTCTGCCCTCACTATGAGGACTCTGTACCA
GAGGATAAGACTGAGCGCTATGTCTGTACATGGTGAATTTTGATGGCTACAGTGCCTGCGACCACACAT
CCAAAGGGTTCAAGAGATGGGAATGTAACCGGCCCTCACTCTCAAACGGACCGCTGAAGTTCTCGGAGAA
ATTCCAGCTCTTCACTCCCTTTCTTTAGGATTTGAATTCAGGCCAGGCCGAGAGTATTTCTACATCTCC
TCTGCAATCCCAGACAATGGAAGAAGATCCTGCCTAAAGCTCAAAGTCTTTGTGAGGCCAACAAACAGCT
GTATGAAAATAAGGTGTTCTGTGATCGTGTTCGATGTTAACGACAAAGTAGAAAATTCATTAGAACC
AGCAGATGACACCGTACATGAGTCAGCCGAGCCATCCCGCGGAGAGAACGCGGCACAAACACCAAGGATA
CCGAGCCGCTTTGGCAATCCTACTGTTCTCTGCGGATGCTTTTGACATT**ATAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_053903
Insert Size: 687 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:	NM_053903.1 , NP_446355.1
RefSeq Size:	768 bp
RefSeq ORF:	687 bp
Locus ID:	116683
UniProt ID:	P97605
Cytogenetics:	9q37
Gene Summary:	Ephrin-related tyrosine-kinase receptor, designated ephrin-A5 based on structure and sequence relationships; implicated in nervous system development, particularly with axon pathfinding and fasciculation [RGD, Feb 2006]