

Product datasheet for **RN202953**

Epx (NM_001107037) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Epx (NM_001107037) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Epx
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202953 representing NM_001107037
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGCTGCTGTGCCCTGTAGGGGTCTTAGCCACGTTTCATCCTCACACAACCTCGTAGAGGCACTG
 TCCAGCTCCCCCAGTCCAGTGGAGAATTCAGTCCTTCAAGACTGCATAGCAGAGGCGAAGTTGCTGGT
 GGACACTGCCTACAATCGGACACAGAAGAGCATTGTGCAGCGTCTTCAAAGCGGCTCGGCCAGCCCCATG
 GACCTCCTGGCCTACTTCAAACAGCCAGTAGCAGCCACCAGAAGAGTTGTTTCAGGCGGCTGATTATATGC
 ATGTGGCCTTAGGGTGTGGAAGAGAAGCTTACGCTCAGGAATCCAGACCTTCAATGCTACTGATGT
 GCTCACAGAACCAGCTGCGCCTGTGTCCAGGCCAGTGGCTGTGCTCCTCAGGACCAGGTCGAGAAG
 TGCAGCAACAAATACCGAACTAACAGGGAGATGCAACAACAGGAGGAGACCCTGGCTGGGAGCTTCCA
 ACCAGGCCCTGGCCGCTGGTTACCAGCTGAGTATGAAGACCACAGGTCCTCCCCTTCGGCTGGACCCC
 TGGCAAGAGGCGGAATGGCTTCTCCTCTCTGTCCGGGCTGTCTCCAATCAGATTGTGCGCTTCCCC
 AGTAAGAAGCTGACCTCAGACCAGGCGCGTCCCTCATGTTTCATGCAAGTGGGGCCAGTTCATCGACCATG
 ACTTGACTTACCCACAGTCCCAGCCAGAGTGACCTTCAACATGGGCGTGGACTGTGAGAAGACCTG
 TGCCAGCTGCCTCCCTGCTTCCCACAAAGATACCACCAATGACCCCGCATCAAGAGCCAGCGAGAC
 TGCATCCCTTCTTCGCTGTGCCCTGCGTGCSCCAAAACAGGAACAAGTCCGTAACACGATTAACCT
 CGCTTACATCCTTCGTGGACGCCAGCATGGTGTATGGCAGTGAAGTGTCCCTCGCCCTGCGACTTCGAAA
 TCGGACCAACTACCTGGGGCTCCTGGCCACTAACAGCAATCCAGGACAATGGCCGAGCCCTACTGCCT
 TTCGACAACCTGCATGAGGACCCTGTCTCCTGACTAACCGATTAGTACGCATCCCGTCTCCTGGCAG
 GTGACAGTGGGCAAGTGAACCCCAAACTGGCGGCTTGCACACGCTATTTGTGAGAGAACACAATCG
 CCTAGCCACAGAGCTGAAGCGTCTGAATCCCCTGAGTGGAGTGGAGACAAGCTGTACAATGAAGCCCGGAAG
 ATCGTGGGTGCCATGGTCCAGATCATCACCTACCAGACTTTCTGCCTCTGGTTCTGGGCAAGGCCCGGA
 TGAGAAGAACCTTGGGTCCCTACAGAGGTAAGTCTCCAACGTGGACCCCGCGTAGCCAATGTCTTAC
 CCTGGCTTTCGCTTCGGCCACACCATGCTGCAGCCCTCATGTTCCGTTTGGACAGCCAGTACCGGACC
 TCAGCACCAACTCCCACGTTCTGCTCAGCTCTGCTTCTTCGCCAGTGGCGTATTGTATACGAAGGTG
 GCATCGACCCTATCCTCCGAGTCTCATGGCCACCCAGCTAAGCTGAACCGGAAGATTCCATGCTGGT
 GGATGAGCTTCGGACAAGTTGTTTCAGCAAGTGAAGAAGATCGGGCTGGATCTGGCAGCTTAAACATG
 CAGCGCAGCCGGACACGGGCTTCCAGGATACAATGCCTGGAGGCGCTTCTGTGCCTTCCCAGCCCC
 GAACTTAGCCAGCTTAGTTCGGGTGCTAAAAATCGGAATTTGGCAAGGAAGTTTCTGAACCTGTACAA
 GACGCCGACAACATTGACATCTGGGTGGGAGCCATAGCAGAGCCTTCTGCGGGGGCCGAGTGGGG
 CCTCTTCTGGCTTGTCTTTTGAAGAACCAGTTCAGAAGAGCCCGAGACGGAGACAGATTCTGGTGGCAGA
 AATGGGGCGTTTTACCAAAAGACAACGCAAGCCCTGAGGCGAATTTCTTTATCTCGGATTGTGTGCGA
 CAATACTGGCATCAGCACCGTTTCGAGGGACATCTTCAGGGCTAACATCTACCCACAGGGTTTTGTGAGC
 TGTAGCCGATTTCCCAAGTTGAACCTGTCAGCCTGGCGAGGCAAA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001107037

Insert Size: 2148 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_001107037.1, NP_001100507.1</u>
RefSeq Size:	2690 bp
RefSeq ORF:	2148 bp
Locus ID:	303414
Cytogenetics:	10q26