

Product datasheet for **RN217412**

NebI (NM_001191694) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: NebI (NM_001191694) Rat Untagged Clone
Tag: Tag Free
Symbol: NebI
Synonyms: Lasp-2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN217412 representing NM_001191694
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAAGGTGCCTGTATCCGGGGATGTGAAAGAGGAAACCGAAGAGGAAAAATGTGGAGGAGGAAGAAAAGC
CAGAAGACGAGGTGTTTCTGAAACCTGTCGTTGAAGACCTAAGCATGGAGCTGGCCAGAAAGTGCACCGA
GCTCATTAGTGACATCCATTATAAAGAAGACTATAGAAAGTCTAAGGACAAGTGTACGTCTGTGACTGAT
ACCCCTACGCTAAACCATGTGAAAAATATTAGTGCCTTTATTTCTGAGACAAAATACAAAGGTACCATTA
AAGCTGATCTTTCTAACTGTCTGTATAAGGACATGCCTGCTACCATTGACAGTGTCTTTGCAAGAGAAGT
GTCCCAGCTTCAGAGTGAGGTTGCCTATAAGCAGAAGCATGAGGCGGAGAAAAGGCCCTCTCCGATTATGCC
CACATGAAGGAACCCAGGAGTGCAGACACGCCATGGAGGTCAACAGGCACCAGAGTAACATTTCTTACA
GAAAAGATGTGCAAGGCACCCACACGTATACAGCGGAGATGGACAGACCCGGATATCAAGAAGGCAACTCA
GATCTCCAAGATCATAAGCAATGCAGAATAACAAGAAAGGACAAGGCATCGTGAATAAAGAACCTTCTGTA
ATTGGGAGACCAGATTTGAACATGCCGTGGAAGCTTCTAAACTTTCTAGTCAGGTTAAATATAAAGAAA
AGTTTGATAATGAAATGAAGGGAAAAGGCCACCATTACAACCCTCTGGGAAGTGCCTTTTCAGACAACA
CCAGCTCGCTACTGTCTGGCAAGCGATGTGAAGTACAAGAAAGATGTTCAAACCATGCACGAGCCAGTT
TCAGATCTCCAAACTTGTGTTCTTAGACCATGCTCTGAAAGCCAGCAGAATGCTCAGTGGATGGGAAT
ATAAAAAGAAATTTGAAGAAAACAAAGGATCGTATCACTTTGATGCAGAGGCCCTGAACACCTACACCA
TAGAGGAAATGCCACCCTCCAGAGTCAGGTAATAACAGAGAAGAATATGAGAAGAATAAGGGGAAGACC
ATGCTTGACTTTGTTGAGACACCATCATATCAGTCTTCAAAGGAGGCTCAGAAGATGCAGAGCGAGAAAAG
TTTACAAAGAAGATTTTGAAGAGGAGATTAAGGAAGATCCTCACTGGATTTAGACAAGACTCCTGCATT
TCTACACGTGAAGCACATCAGCAACCTGATGAGGGAGAAAAGAATATAAAAAAGATTTGAAAATGAATA
AAAGGGAAGGAATGGAACCTTAGTTCAGAAGTTCTTGATATTCAGAGAGCAAAGCGAGCATCCGAAATGG
CCAGCGAGAAAAGAATACAAAAGGACCTGGAGTTGGAAATTAAGGGAAGGGGATGCAAATTTGACGCTGA
TACCCCTTGAAATACAGCGAGTCAAAGAGCTGCCAAGATAGCCAGTGAGAAAAGACTATAAAAAGAGATCTG
GAGACAGAAATTAAGGGAAAGGAATGCAGGTCAGCACAGACACGCTGGATGTTTCAGAGAGCTAAGAGGG



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CATCTGAGATGGCCAGCCAGAAGCAATATAGGAAAGACTTGGAGAATGAAATTAAGGGGAAAGGAATGCA
 AGTAAACGTGGATATCCCGGACATGCTTCGAGCCAAGAGGGCGTCTGAAATCTACAGCCAGAAAAAGTAT
 AAAGATGAAGCTGAGAAGATGCTCTCCAATATCCACTGTGGCAGTCACTCCCGAGATTCAGAGAATCA
 AGACGACACAGCAAAACATTAGCAATGTATCTTATAAGGAGGAAGTAAGAGCTGGCACAGCCGTAAGGAA
 TACTCCAGAGATTGAACGAGTGAAGAAAAACCAGCACAATATTAGTTCGGTGAATTTGAAGAAGGAATT
 AAGCATGCAACAGCCATTTCTGATCCTCTTGAGCTAAAGAGAGTTACAGAAAAACCAGAAGGACGTCATCA
 ATAGGTTCCAGTATAAAGAGCCAACCTATAAGGCCACTCCGGTAACCATGACCCAGAGATAGAGAGAGT
 GCGGAGGAACCAGGAACAGCTGAGTGCCTGCAACACAAAGGAGAGCTAAAACAAGCAACTTCCATTTTG
 GATCTGCCAGGGCTGAAGAGAGTGAGAGAAAAACCAGAAAACTATCAGCAATGTTTATTATAAAGGCCAAT
 TGGGAAGGGCTACAGCTTTGAGCGTAACGCCGAAATGGAAAGAGTAAAGAAGAATCAAGAAAAATACAG
 CTCGGTGAATACACTCAGGACCATAAACAAATGAAAGGTAGACCATGTGTGATCTTAGATACACCTGCT
 TTGAGACATGTAAAAGAAGCACAATAATCATGTTTCCATGGTCAAATATCATGAAGATTTTGAGAAGCGA
 AGGGAAGAGGCTTCACTCCTGTTGTGGACGATCCTGTGACGGAGCGGGTGAGGAAGAACCACCCAGGTTGT
 GAGCGATGCTGCCTATAAAGGGTACAGCCTCATGTTGTGGAGATGGATAGAAGACCTGGGATCATTGTT
 GACCTTAAAGTGTGGCGTACAGATCCCGGATCCATCTTCGACATTGACCCCTGGAGACAATATTCAGT
 CTGAAGTCTCCATATGCTCTCTGAAAAGGCAAGTCAGTACCAGAGCCGCTGTCTCGCTCACACTCTGG
 CAGCACTTTTGGTACGGGTCTGGGAGATGACAAGTCAGAGATCTCCGAGCTTACCCTAGCTTTTCTGT
 TGCAGTGAAGTAAACAAGACCATCTGATGAAGGAGCACCCGTCCTTCTGGAGCTTACCAGCAGAGCCACT
 CCCAAGGCTACGGGTACATGCACCAGACCAGCGTGTGTCCTGAGGTCATGCAGCATTAGCAAAATCT
 AAGGACCTACCGAGCCATGTACGATTACAGTGCCAGGACGAAGATGAGGTCTCCTTCCGAGATGGTGAC
 TACATCGTCAACGTGCAGCCATTGATGACGGCTGGATGTATGCCACCGTGCAGAGAACCGGGAACCGG
 GCATGCTCCAGCGAATTACATTGAGTTGTGAATTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001191694
- Insert Size:** 3048 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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:**
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_001191694.1](#), [NP_001178623.1](#)

RefSeq Size: 3127 bp
RefSeq ORF: 3048 bp
Locus ID: 307189
Cytogenetics: 17q12.3