

Product datasheet for **RN201037**

Espn (NM_019622) Rat Untagged Clone

Product data:

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|---------------------------|-------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | Espn (NM_019622) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Espn |
| Synonyms: | Je |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >RN201037 representing NM_019622
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCCTGGAACAGGCGATGCAGGCGGCACGGCGGGGCGACCTGGACGTGCTGAGTCCCTGCACGCC
 CCGGCCTGCTGGGCCTTCTCTGCGGACCCGCTAGACGCCCTGCCGGTGCACTATGCGGCCGCTCAGG
 CAAGCTGCACTGTTTGCCTACTTGGTGGAGGAGTTGCCCTCCAGCTGTGTCCCGCGCGCAACGGC
 GCCACACCAGCCATGATGCCGCTGCCACGGGCTACCTCTTTGCCTGCAGTGGCTGCTCACACAGGGT
 GCTGCAGGGTGCAGAAAAAGATAACTCTGGTCCACGGTCTGCACCTGGCTGCCCGCTTTGGCCACC
 GGACGTGGTGAAGTGGCTGCTGTACCAGGGCGGTGCGAACTCTGCCATCACACAGACACGGGCGCCCTG
 CCTATCCACTATGCTGCCGCAAAGGAGATCTCCCTCCATGAAGCTTCTGTGCGGCACTACCCTGAGG
 GAGTGAATGCCAAACCAACAACGGTGCCACGCCCTGTACCTGGCGTCCAGGAGGGCCACCTGGAAGT
 GACGAAGTACCTTGTGCAGGAGTGCAGTGCAGATCCGCACCTGCGCGCCAAGACGGCATGACCCCTG
 CATGCCCGGGCGCAGATGGGCCACAACCCAGTCCCTGGTGTGGCTGGTGGCTTTGCGGACGTGAGCTTT
 CGGAGCAGGACCACGACGGCGCCACAGCCATGCACTTTGCAGCCAGCCGCGGCCACACAAAGTGTCTAG
 CTGGCTCCTGCTGCACGGCGCAGAGATCTCCAGGACCTGTGGGCGGGACCCCGCTGCATGATGCTGCT
 GAGAACGGGGAAGTGGAGTGTGCCAGATCCTCGCGGTGAATGGTGGCGGGCTGGACGTCGCGACACG
 ATGGGTATACGGCTGCGGACCTGGCTGATTTCAATGGCCACACCCACTGCTCCCGCTACCTACGTACGGT
 GCAAACCTGAGCTTGGAAACACCGAGTCTGTCCCGGATCCATCCATGGACCTGGAGGCAAAGCAGCCG
 GACTCAGGCATGTCTTACCCAAACACCACCATGTCCGTCAGCCGCGCAACTTTGACCTTGGCTCACCCA
 CCAGCACCTCTCAACTATGACTCTCTGCTCCTCAGCCATTCCAGCAGCAAGGGTCAGGCTCTACTCG
 AGGTGCCAGATCCTCAGACTTACAGAGCTACATGGACATGCTGAACCCAGAGCCTCGGAGCAAGCAAGGG
 AAGCCTTCATCTCTACCACCACCGCCACCAAGCTTCCCTCCACCACACCCCCAGGCACACAGCTGC
 CCCCACCTCCACCAGGCTACCCAGCTCCCAATCCCCCTGTGGGGCTGCATTTGGATAACATTTACATGCA
 GACCAAGAACAACTCCGCCACGTGGAGGTGGACTCCCTCAAGAAGGAGCCGAGCTCCGCGCAGCGCTAC
 TCGGGGCTACGCAGGCAGGATCCGGGCTGCTCAGGCAGGATTCGGAGCTGCTGCTCAGGCACAACCCG
 GACTGCGCAGGCAGGACTCCGACCGAAACAGCGTTCATTCAGTAAACAGCCAGCACGGGGGACTACTA
 CCGCCAGCTGGGCGCAGCCCGGGGAGCCGCTGGCCGCACGCCCGGGCATGGCCACAGCGAGGAGGGC
 GCGCTGCTCCCGGGAACACGTGCACAACGGCTGCTCCGCGACTCAAAGCGTCCAGGGAGCTGCCGC
 CGCCACCGCCGCGCCGCTGCCCAGGCGCTGAGTTCGCGCCACCCGCCACCTCTGCCATCGA
 GGGCGCGGGCGCAGCCTGCGGACAGCGGCTTCTCATCTTCTACTGGCAGCACAAATCTTTAACATG
 ATGTCCCCAACGGGTGACAACTCGGAGTTGCTGGCTGAAATAAAAGCAGGCAAGAGTCTGAAACCAACAC
 CGCAGAGCAAGGGGCTGACAACAGTGTCTCAGGCAGCGGGCAGCCAGCCTCCAGCCTGAGTCACCACA
 GCCTGCGGTGTACCTGGGCCATCTCGGGCCGGAGCCCCACCCACCCAGCCTCTGGGCTCAGCCACTG
 CTCATGGCAGCATAGTACCGGCACCACCTGCCACCCTAGCACCAGGAGTGCATCTGGATGTGGAGGCC
 TCATCCCCACACTTGATGAGCAGGGCCGGCCATCCCGGAGTGGAAAGCGCCAGGTGATGGTCCGGAAGCT
 GCAGCAGAAAATGCAGGAGGAAGAGGAGCAGCGGAGGAAGAAGAAGAGGAGGAGGCCCGCTGCCAGC
 CTGCCCGCTGGAGACGAGACATTCTTAGGAAGAAGCTGGAGGAGGAGAGGGAGCAGAAGCGAAAAGAGG
 AGGAGCGGCAGAAGCTGGAGGAAATCCAGAGGGCGAAAGAACAGTCGGAGAAGCTGCGGACACTAGGATA
 CGACGAGGCCAAGCTCGCGCCCTGGCAGCGACAGGTTCATTTGAAGAAGGGGAGATCCCTAAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_019622
Insert Size: 2517 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_019622.2 , NP_062568.2 |
| RefSeq Size: | 3322 bp |
| RefSeq ORF: | 2517 bp |
| Locus ID: | 56227 |
| Cytogenetics: | 5q36 |
| Gene Summary: | is a fusion protein which binds actin filaments to each other and to the membranes [RGD, Feb 2006] |