

Product datasheet for **RN217185**

Ehbp111 (NM_001270705) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ehbp111 (NM_001270705) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ehbp111
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217185 representing NM_001270705
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACTTCAGTGTGAAGCGCCTGCAACGGGTGGCAAGCGGCCCGCAAGTTCAGTTTGTGGCGTGT
 ACCATGAACTGGTGTGGAGTGCACAAAAATGGCAGCCCGACAAGCTGGTGGTGGTATGGACTCGGAG
 GAACCGACGTATCTGCTCCAAGGCCACAGCTGGCAGCCTGGCATCCAGAACCCTTACCGTGGCACTGTG
 GTGTGGATGGTTCCTGAGAACGTGGACATCTCTGTGACCTGTACAGGGACCCTCACGTGGACCAGTATG
 AAACCAAGAATGGACTTTTATTATTGAAAATGAATCCAAAGGACAGCGGAAGGTAAGTGGCCACAGTTGA
 TGTGAACCTGGCCCAACATGCGGGGCCGTGCCCGCTCAGGTTCCACTTCGATTGCGGCTGAAGCCCAAG
 TCTGTGAAGGTAGTGCATGCTGAACTGAGCCTCACCTTTCTGGGGTGTGCTGCGTGAAGGCCGTGCCA
 CGGACGATGATATGCAGAGTCTGGCCAGCCTCATGAGTGTGAAGCCTAGTATGTGGAAACTTGGATGA
 CTTTGGCCGAGAGTGATGAGGAGGAAGCCAATGGCCCTGGGGCTCCTGAGGTCCGGCTGGAGGTCCCGAG
 TCAGATCCGTCTCGAGAGCTGAAGACACTCTGTGAGGAAGAAGATGAAGGGCACATTACGCCCCAGCAGG
 CAGCTGCCAGGCCCTCTAGTGTGAAGACACCAGCTGTGCCCTGCACCATCTGCCCTGGTCAGCTCCAG
 CCAGTCCCTGTTGGAGTGGTCCAAGAGGTCAACCAAGGGCTACCGTGGTGTCTGCATCACCATTTCACC
 ACATCCTGGCGCAACGGCCTGGCCTTCTGTGCTATTTTACATCGATTCTACCCAGACAAGATTGACTATT
 TCTCCCTTGATCCACTCAACATCAAACAGAACAAACAGCAGGCTTTTGTGGCTTCGCTGCCCTGGGCGT
 GTCTCGGCTGCTCGAGCCAGCGGACATGGTGTCTCTGTCCGTACCTGACAAGCTCATCGTCATGACGTAC
 CTGTGCCAGATCCGTGCCTTCTGCACTGGGCAGGAGCTGCAGCTGGTGAACCTGGAGGGCGCGGTGGCT
 CTGGCATTATCGTGTGGAAACGCCAGCCGAGCCTGCCGACTGCCTAAACGCAGGAGACCTGGCGCA
 CGGGCTACGCGAACATGGGGCTGAAGCGTCTACAGAGCCTAAGGAGGCTGTGAACCGCGGACTGGGGCA
 ATACCCAAGGTAGCCTCCAGGGACACGGACCTGGGCTCCTCCTTAAGGATGGGGAGGCCGAGGTTGCC
 AGGAAGCAGTCCCTCAAGAGGCATCCTCCGACGGCCCTAGAGCCAGGTCGTCCACATCCCCCGTGGTCCC
 CACAGAGGGGCTGGTGAATGGAGTTGGGGCGCCGGCTTCTGTGAGTGGTGTGAGACTGAGACGGTCTCG
 GTCAATGGGGAGGCTGGGCCAGTACCTCCACCCCGAGCACATGGCTTTTCTCCACGTGCGTGACGCTG
 ATTTGCTAAAGAAGAGGGGATCCAGACTAAGGAATAGCAACTCCTTCTCGGTGGATGACCAGGATTCTGG
 AACTGCAGTTGGAGCAGGGCCTGCAGGATCTGGGGCTGTGGAAGGCCAAACCCTGACTCCAGCCTTGAC
 TCTGGCACACTCACAGCCACAGCCCACAGCAGCCACCCAGTGGGAACCCTCCTACTGAGGAATCATCCC
 CTAACCCCGGGGAAGAGGCTGGCCAACAACGGTTCAGGACACAAGTCAGTACGTGTGTCAGAGCTGCA
 AGCCCTGGAACAGGAGCAGGGACAGATAGATGGGAGGGCCGCTGAGGTGGAGAAGCAACTGAGGAGCCTC
 ATGGAATCAGGTGCCAACAGGCTGCAGGAGGAGTTGCTGATCCAGGAATGGTTCACCCTGGTCAACAAGA
 AGAACCGCTCATTCCGAGGCAGGACCAGCTGCAGCTGCTCATCGAGGAGCAGGACTTGGAGCGGAGATT
 CGAACTGCTGAGCCGTGAGTTGCGGGCCATGCTGGCCATTGAAGAGTGGCAGAAAACAGTTGCACAGCAG
 CACCGGGAGCAACTTTGTTGGAGGAGCTGGTATCACTGGTGAACCAGAGGGATGAACTGGTCCGGGACC
 TGGACCAGAAGGAACGAATCGCTCTGGAGGAAGATGAGCGCCTAGAACGAGGCCTAGAGCAGCGGCTCG
 AAAGGTGAGCCGGCAGCTGAGCAGGCGGGAACGCTGCACCCTGAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001270705

Insert Size: 2289 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:	<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_001270705.1</u> , <u>NP_001257634.1</u>
RefSeq Size:	2843 bp
RefSeq ORF:	2289 bp
Locus ID:	309169
Cytogenetics:	1q43