

Product datasheet for **RN207835**

Efhb (NM_001106879) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Efhb (NM_001106879) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Efhb
Synonyms:	RGD1566407
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN207835 representing NM_001106879
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGTTTCATTTGTGAGATTGGGATCCCCAAAGCTTTGCAAACCTTCAGATTCTCCATTAGAGATGAGTT
 CCCTGAGAAGGACGAGAGCACCTGAAATCTCGGAACCTTGACTCACCAAGAACAAAAGGACGATATAAG
 AGACAGAGTAGGTAGGAATCAAATCTCCACAGAGCTGGGGTTTCAATTGAGACTAGAACAAAGATCGA
 AGATGGAGGGAGAGGATGGCATCATCAGAACAAAATCGCCACCTTACCATGCACTTGGAGTAGGATTAG
 AAAGACAGACTATTTCTGCGACGCCCACAGAGATGGGTAAATTTAGGACTTCACAAGGGCTCTGCTTTCCA
 AGGATCAAAACCTCTGGGTATGTTACCAGGAAGAGTGGGGTCAGAAAATAAGGGCCTCCACCTTGCCCT
 CGCTATGGAGGAACACTACACCTCCTTTGGGCACAGTCCATGCAAGTCCACAGGCCGAGGAGACAA
 GGAGGCCCTCTCCCTGTGGTTCTGCCTGGACGGATGCTGTAGTGGAAAAGCAGCCTGTGGGTTTGGAACT
 GAGAAAAGAACTGAAAAAGAGCCACCTGTGTTATGGTGAACCTACCCAGAGATACCCCTAAGGAG
 GTAGATATTGGGTTGCCCAAACCCAGGATTAGATGAAGCCAAGAATACAGAGCCTCTGATAGGTTTAG
 TAAGAGAACCTTATGAGTGTCCAATTGCTCAACAAACCAGAAGAGAAAAAGGAGCCTATCAGCACTGAACC
 CGGAGTGGAACTCCAGGGAACATCAGACCCATATATTAGGGAAATCTTTGATCGAGCGCCTTCTTG
 CCAACTGCCGGAAGGTTAAGCCGGTTGGATACAGAGTTGCAAATTTGTTGACTGAAAAGCTTCCAGGC
 TTATGACTCCCCAGAGGCAAAGAAGTATTTCACTTCAGATATCCACCTCCGGGAGCAGAAAGAATATT
 TTATGGCAGAGCAAATGATCCCCAATCGCACCTTATTTGACACATGGGATGAGACCTAAAGGTTTAGTA
 ACGATGAGCTCATTGATAAACCCACAGCCATTACCACGTTTCAACAGAAAGTTAAAGACAAAAAGAAT
 CTATATACTTTAGCCATCAACGAGCACCATTGGGAAAATCTCATGATCAACACCAGGATTGCCTAAAGG
 AATGGATGTGATCAACACAACATTAGGGACCACTATCAGAGAGCTGTCTGTTCTGTGACGTTGTGAAT
 CCATCAAAATCCTTCGAAGATGTGTTTAAAGAAGGACAGGAAGGACATGATTTGTACACTATCTCTCACA
 ATGATTATTTTGCAGGAGAAGCAAAGAACCAGAAAGTATAACCCAGCAAGTTCCATAGATTTAACTTGTA
 TGGAGTCCCGACACCTCACTGTAATGATGGGCGCACCATTGGCTAAACCTTTACATTGGCTCCATGAAC
 CAAATGGAAGAGGAGCAAAAATGTATCCAAAAGAGCTGATGATTTTGAAGAAAAATTTCAACACAGAC
 TTGGAAGAGTTTTAGACCCATTGCTGAACTATGAATGTTCCCCAGGGCACACATTTGGAGCTTGCT
 CCAGCCTGAAGAATATGGAGCTGGTATCTCATCCATTACAGAGGCCAGATGAATATCTCCGTGGGAAG
 GACCGCCAGAGAGCCCTGGTTGCGGCTGCTCGCCACCATTGAAGAAATTTAATCACCAGCACTTTGACA
 CTTTGCTGATGGCTTTCAGGCACTATGACAAGAAGGGAGATGGGGTAATTGACAGAGCAGAACTGCATGA
 AGCTTGTGTCCAGGCCAACCTGCATCTGGACAAGATGCTCCTGGACCATCTCTTTGACTACTGTGATGTG
 GATCAGGATGGCCTGATTAACCTACCTGGAATTTGCCAATTTCTTACCTGGAAAGACAGAATACCTCTCA
 CCGAGTATGAGAAGAGGGTCGTCAATTAAGGTAACCAAGGAGACTGTGAAAATGTTACGGAGACTAGTAT
 CGTGGGAGAACTGATCCGAGTCTTCTGGTAAATCCTGAAGACATTGTCCCAAGAACAGGAAGTTCA
 GAAGAGATTGTCCGACAATCCTGAGACCAGGTGACAAAGTTTCTGACCAGTATAAGACAACCTTCTTCTG
 AGATCAATGCTGTTGTTGGAGCTGTTCTTCTATATGTTACCCCATCTATGGTGTTCACCACTTCGCTC
 TGACATCCCTGCTCCCCGATTTCGTCGAGTCAGTGACATGAATAACTACGGTGAAGAAGGCAATGCCTAC
 GCCTTGCTGCACCCCTCATCTTCTCGCAGAAAGGTGATTTCGAGAGAGACTTCTTCAAAACAGGTCCA
 AGGAAGAGATTTAGATATATTAACATAACATTGGAGTCAAGCTTACTGAAGAAGAATTCGAAAACGTATG
 GAATCTTGCTTCACAAAAACATCAGCAAGGAGAAGTTTGTGTTGAAACCATCAGGAATGTTCTAGATGAA
 CTCGACGCAGACCTCTTTAAGTGTAACCGGCCAT**GTGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001106879
Insert Size: 2559 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:	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_001106879.1</u> , <u>NP_001100349.1</u>
RefSeq Size:	2654 bp
RefSeq ORF:	2559 bp
Locus ID:	301168
Cytogenetics:	9q11