

## Product datasheet for RN202115

### Necab2 (NM\_133415) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Necab2 (NM_133415) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Necab2
Synonyms:	Efcbp2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN202115 representing NM_133415 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGGGAAACCCCGCGCACCGCTCGTCCCCGACATCCCCGCCGGACCCGACCCGGGCCCGCCGCAC  
CGCGAGGGGGCACAGCCGTCATCCTGGACATTTCCGCCGTGCGGATAAAAACGACGACGGGAAACTGTC  
CCTTGAGGAATTTCAACTGTTCTTCGCGGATGGCGTCCTCAATGAGAAGGAGCTGGAGGGCCTCTCCAC  
ACCATTGATTCAGACAACCAACCATGTGGACACAAAGGAATTGTGTACTTTGTGGAACACATGG  
GAGACTACGAAGATGTCCTGGCCTCCCTCGAGACTTTGAACCACTCAGTCCTGAAGGCTATGGGCTACAC  
CAAGAAGGTGATGAAGGTGGGAACAACGTGGACCAGTTTGTGACCCGCTTCTTCTGAAGGAGACGGCC  
AATCAGATCCAGTCGCTGCTCAGCTCTGTGAAAGCGCCGTGGAAGCCATCGAAGAACAGACCAGCCAGA  
TCCGACAGGACTACTGCAAACCTAGTCATGGCGTCAACGAGAGCCGCTACGGAGGACCCACTCCTCCCTA  
CATCCCCAACCACAAGCTTGTGGTCCCGGAACCAAGTGAAGAGCCTGCCTGTGGCCATAGGGGAGCCAAAG  
GAGGAGGGGCTGGAGGTCCAGATAAGCCGGTGGCAGAGCTGATTGGGAGACTGGAGAGCAAGACCCTCT  
CGTTTGACCTGCAGCAGCGCCTCTCGGATGAAGAAGGCACCAACATGTACCTGCAGCTGGTCCGGCAGGA  
GATGGCCGTGTGCCCTGAGCAGCTGGCGAGTTCTTGGATTCCCTGAGACAGTACCTTCGGAGCACTGCT  
GAAGAAAAGAAGTCTTCCATGTGGCCGGGTGAGGATGGCAGATGGGCTAACCTTCGTCATCTACGAT  
TCTGGGAGACAGAGGAGGAGTGAAGAAGCACCTGCAGAGCCCTGTGTGCAAGGGCTCCGACATGTCAA  
GGTTGACACACTGAGCCAGCCTGAGGCACTCTCCAGATCTCCGTGCCAGCTGCCTGGTGCACCTCCGGC  
CGAGACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI



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<b>ACCN:</b>	NM_133415
<b>Insert Size:</b>	1059 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_133415.1</a></u> , <u><a href="#">NP_596906.1</a></u>
<b>RefSeq Size:</b>	1598 bp
<b>RefSeq ORF:</b>	1059 bp
<b>Locus ID:</b>	170928
<b>UniProt ID:</b>	<u><a href="#">F1LQY6</a></u>
<b>Cytogenetics:</b>	19q12
<b>Gene Summary:</b>	may mediate calcium signaling and play a role in neuronal function [RGD, Feb 2006]