

Product datasheet for RN208237

Necab1 (NM_022302) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Necab1 (NM_022302) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Necab1
 Synonyms: Efcbp1; Stip-1
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN208237 representing NM_022302
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGGATCCCGGGAGACCTCGCCGTCCTCCAACAACCTCTCAGAAGAGCTCAGCTCTGCCCTGCAGC
 TGTCGAAGGGCATGTCCATCTTCTCGACATACTGAGGAGAGCAGACAAAAATGACGATGGAAAATTGTC
 CTTTGAGGAATTTAAAGCGTATTTTGCAGATGGAGTTCTCAGTGGAGAAGAAGACTACATGAGCTCTCCAC
 ACCATTGACACACACAATACCAACAATCTTGACACAGAAGAAGACTATGTGAATATTTTTCTCAGCACTTGG
 GTGAATATGAGAATGTTCTGGCTGCACTTGAAGACCTGAATCTCTCCATCCTGAAAGCAATGGGCAAGAC
 AAAGAAAGACTACCAAGAAGCCTCCAATTTGGAACAATTTGCACTCGATTTTTGTTGAAGGAAACCTTG
 AATCAGTTGCAGTCTCTCAGAAGTCTCTGGAATGTGCCATGGAAACTACTGAAGAGCAAACCCGTCAAG
 AAAGGCAAGGGCCATCCAAGCCAGAAGTCTTGCCATTCAATGGCCTGGAAAGCGATCCAGCCGCCGAGT
 CCAGAGACACAACAGTTTCTCCCCAACAGCCACAGTTCAATGTCAGCAGCCAGCATTGTTAGAAGAA
 GACAATCAGTGGATGACCCAGATAAACAGACTCCAGAAATTAATTGATAGACTGGAAAAGAAGGACTGA
 AACTTGAACCCCTGGAAGAAGAAGTTATTGAAGAGAACAACCTAACCTCACATCATGCTTGTGCAGCGCCA
 GATGTCTGTGACAGAAGAGGATCTGGAAGAATTCAGCTTGTCTGAAGCACTACGTGGAGAGCGCTTCA
 GCACAAAGTGGTGCCTGCGTATCTCTATACAGAAGCTTTCAAATGAATCTCGCTACATGATTTATGAGT
 TCTGGGAGAATAGCAGTGTGTGGAACCGCCACCTCAGACAAATTACAGCAAGACGTTCCAAAGAAGCAA
 CGTGGATTTCTTGGAAACTCCAGAGCTCACATCTACTATGCTCGTTCCTGCTTATGGTGGATCCTGAAA
 AACAAT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_022302



Insert Size:	1059 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
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_022302.1 , NP_071638.1
RefSeq Size:	1204 bp
RefSeq ORF:	1059 bp
Locus ID:	64169
UniProt ID:	Q9ESB5
Cytogenetics:	5q13
Gene Summary:	may play a role in neuronal Ca(2+)-signalling [RGD, Feb 2006]