

Product datasheet for **RC225638**

RUNDC3B (NM_001134406) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: RUNDC3B (NM_001134406) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: RUNDC3B
Synonyms: RPIB9; RPIP9
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC225638 representing NM_001134406
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGGCCTCCCGGAGCCTGGGGGGCCTGAGCGGGATCCGCGGGCGGTGGCGGCGGAGGCGGCAAGAAAAGCC
 TGAGCGCCCGCAATGCTGCGGTGGAGAGGAGGAACCTGATCACCGTGTGCAGGTTTTCTGTGAAGACCTT
 GATTGATCGGTCTTGCTTTGAGACAATTGATGATTCTTCTCCTGAATTTAACAATTTGCAGCTATTTG
 GAACAGATTTTAAGCCACCGCTAAAAGGTCAAGTAACCTGGTTTGGTTATGAAAGTCCTCGTAGCTTCT
 GGGACTATATCAGAGTGGCTTGGCGGAAAGTTTACAGAATTGTATCTGCAGCATTGAAAATATGGAAAA
 TGTGAGTTCTTCTAGAGCTAAGGGTAGAGCCTGGATCAGAGTAGCACTCATGGAAAAACATTTATCTGAA
 TACATCTCTACAGCTCTGAGAGACTTCAAACAACCAGGAGATTTTATGAAGATGGAGCAATTGTCTTGG
 GTGAAGAAGCAAAATGCTTGTGGCATGCTTCTAGGACTCAATGCTATTGATTTCAAGTTCTGCCTAAA
 GGGAGAGGGGCTGGATGGCAGTTTTCTGCTGTAATAGACTATACACCATATTTGAAGTATATCCAAAGT
 TCTGATAGTATCAGCAGTGATGAGGAGGAGCTAAGGACTTTGGGAAGCAGTGGTAGCGAAAGCAGTACTC
 CAGAGAATGTCGGACCTCCTTTCCTCATGGATGAGAACAGTTGGTTCAACAAGTGAAGAGAGTTAAACA
 AAAGTATCAGCTTACCCTGGAACAGAAGGGTTACCTTGAAGAACTTTACGACTTCGAGAGAACCAACTG
 TCTGAATCTGTCTCCAGAATAAAATACTACTTCAAAGGATTGAAGATTCGATCCGATCGGCTCATAAACTGG
 AGAAGGAACAATTAGAATATATAAATTGTGGAGCTTCAAGATCAGCTGAAAAGTTATCAAAGTCTTGACCA
 GTTATCAGCAGAAGTTAGCCTTTCTCAGACTTCACTAGATCCAGGCCAGTCACAAGAAGGAGATGGAAAA
 CAAGACACATTAATGTAATGAGTGAAGGTAAGGAAGATACTCCCTCATTACTTGGCCTCTGTGGATCTC
 TAACGTCAGTGGCAAGTTACAAGTCTCTAACAAGCTTAAATCTAATGACTACCTTGCAAGTCTTACAAC
 AGAGATGACAAGTCCAGGCCTAACTCCATCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC225638 representing NM_001134406
 Red=Cloning site Green=Tags(s)

MASRSLGGLSGIRGGGGGGKSLSARNAVERRNLITVCRFSVKTLIDRSCFETIDDSSPEFNNFAAIL
 EQILSHRLKGQVTWFGYESPRSFWDYIRVACRKYVSQNCICSIENMENVSSRAKRAWIRVALMEKHLSE
 YISTALRDFKTRRFYEDGAIIVLGEANMLAGMLLGLNAIDFSFCLKGEGLDGSFPAVIDYTPYLKYIQS
 SDSISSDEEELRTLGSSESTPENVGPPFLMDENSWFNKCKRVKQKYQLTLEQKGYLEELLRLRENQL
 SESVSNKILLQRIEDSDLAHKLEKEQLEYIIVELQDQLKSYQSLDQLSAEVSLSQTSLDPGQSQEGDGK
 QDTLNVMSSEKEDTPSLGLCGSLTSVASYKSLTSLKSNDYLASPTTEMTSPGLTPS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001134406

ORF Size: 1221 bp

OTI Disclaimer: 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](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [NM_001134406.2](#)

RefSeq Size: 3903 bp

RefSeq ORF: 1224 bp

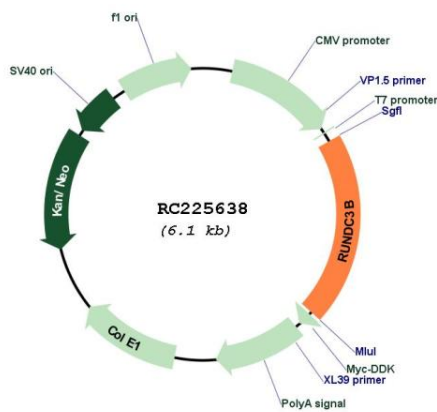
Locus ID: 154661

UniProt ID: [Q96NL0](#)

Cytogenetics: 7q21.12

MW: 45.1 kDa

Product images:



Circular map for RC225638