

Product datasheet for **SC123777**

RNF181 (BC002803) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: RNF181 (BC002803) Human Untagged Clone
Tag: Tag Free
Symbol: RNF181
Synonyms: HSPC238
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)
Fully Sequenced ORF: >OriGene sequence for BC002803 edited
GGCTGTGTCAGAAGGCTGGGCAGCCATGGCGTCCTATTTTCGATGAACACGACTGCGAGCC
GTCGGACCCTGAGCAGGAGACGCGAACCAACATGCTGCTGGAGCTCGCAAGGTCACATTTT
CAATAGGATGGACTTTGAAGACTTGGGGTTGGTAGTAGATTGGGACCACCACCTGCCTCC
ACCAGCTGCCAAGACTGTGGTTGAGAACCTCCCCAGGACAGTCATCAGAGGCTCTCAGGC
TGAGCTCAAGTGCCCGTGTGTCTTTTGGAAATTTGAGGAGGAGGAGACTGCCATTGAGAT
GCCTTGCCATCACCTTTTCCATTCCAGCTGCATTCTGCCCTGGCTAAGCAAGACAAATTC
CTGTCCCTTGTGCCGCTATGAGCTGCCACTGATGACGACTTATGAGGAGCACAGACG
AGATAAGGCTCGAAAACAGCAGCAGCAACACCGACTGGAGAACCTCCATGGAGCCATGTA
CACGTGAGGAGGTTGGGGCTGAGTGCTGGCCCTCTGCGTCTTCTTATTAACCTTGAATC
CTCATTAAGGTTTCTTTACCCACAAAAAAAAAAAAAAAAAAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for BC002803 unedited NNNGAACC GGTC AAAATTTGTATACGACTCATATAGGCGGCCGCGNAATTCGCACNGGGGC TGTGT CAGAAGGCTGGGCAGCCATGGCGTCCTATTTTCGATGAACACGACTGCGAGCCGTC GGACCCTGAGCAGGAGACGCGAACCAACATGCTGCTGGAGCTCGCAAGGTCACCTTTTCAA TAGGATGGACTTTGAAGACTTGGGGTTGGTAGTAGATTGGGACCACCACCTGCCTCCACC AGCTGCCAAGACTGTGGTTGAGAACCTCCCAGGACAGTCATCAGAGGCTCTCAGGCTGA GCTCAAGTGCCCCGTGTGCTTTTTGGAATTTGAGGAGGAGGAGACTGCCATTGAGATGCC TTGCCATCACCTTTCCATTCCAGCTGCATTCTGCCCTGGCTAAGCAAGACAAATTCCTG TCCTTTGTGCCGCTATGAGCTGCCCACTGATGACGACACTTATGAGGAGCACAGACGAGA TAAGGCTCGAAAACAGCAGCAGCAACACCGACTGGAGAACCTCCATGGAGCCATGTACAC GTGAGGAGGTTGGGGCTGAGTGTGGCCCTCTGCGTCTTCCTTATTAACCTTGAATCCTC ATTAAGTTTCTTTACCCACAAAAAAAAAAAAAAAAAAAAAAAACTCGACTCTAGATTGC GGCCGCGT CATAGCTGTTTCTGAACAGATCCCGGTGGCATCCCTGTGACCCCTCCCC AGTGCCTCTCCTGGCCCTGGAAAGTGCCACTCCAGTGCCACCAGCCTTGTCTTAATAAAA ATTAAGTTGCATATTTTGTCTGACTAGGTGCCTTCTATAAATTATGGGTGAGGGGGGG GGGGTTTTTGGANANGGGCAATTTTTGGGAAAACACCTGAGGGCCGGGGGGTCTAT GGGGACCAAAGCTGAATA
Restriction Sites:	Please inquire
ACCN:	BC002803
Insert Size:	596 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:	<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:	BC002803.2 , AAH02803.1
RefSeq Size:	587 bp
Locus ID:	51255
Cytogenetics:	2p11.2
Protein Families:	Druggable Genome
Gene Summary:	RNF181 binds the integrin alpha-IIb (ITGA2B; MIM 607759)/beta-3 (ITGB3; MIM 173470) complex and has E3 ubiquitin ligase activity (Brophy et al., 2008 [PubMed 18331836]). [supplied by OMIM, Dec 2008]