

Product datasheet for SC123640

LRRC2 (BC013935) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRRC2 (BC013935) Human Untagged Clone
Tag:	Tag Free
Symbol:	LRRC2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC013935 edited

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GGGGTTAACATGCGGATCCTGTTAGTAGATCTGGGATGGGTTGAGAGTCTGCCTTTCTAA
CAGGCTTTTGGGTGATGTCGATGCTGCTGGTCCAGGGACCATACTCTACTCAGAAGGCC
TAACACTGTATGCCACTTTGGTGTGACAAGATGAAACACTTTGAGCTTCCTCAGGATCTT
CCTTTCCCATTTGCCAGATGTTCTTCCCTCGGATCTTTTCTGTTTTTTGTATTTTTTGT
TTTTATTTTTCTTTGAGACAGGTCTTACTCTGTCAACCAGGCTGCAGTGCAGTGGCATG
ATCACAGTCACTGTAGCCTTGACCTCCTGGGCTCAAGCCATCCTCCACCTCAGCCTCC
TGAGTAGCTGGGACTACAGGCGCACACCACACCTGGCTAATTTTTCATTTTTTTGTA
GAGATGAGGTCTCACTATATTGCCAGGCTGGTCTCAAACCTCTGGGCTCAAGTGATCCT
CCTACCTTGGCCTACCACAGTGTAGGATTACAGGTGTGAGCCACCGCGCCAGACTTCC
TCTAGATCTTTACTCGGCTGTCTTCTTTCATTCTATCTCAGCAAAAACGTCACCACCT
AGAGAAACTTTGTTTTCTCCCATGGCCCAAATCTAAAGTAGTCCCACTGCCTGTTTTAG
CTTTAGAAAGACAGCCTCTGAGATGATCTTGTGTTTTGATTTCTCTCTGTCTATGAGAA
GAGGAGTTCTGCGAGAACAAGCCCTTGCACTTGTCTGTCTGTCCAGTGTGTTTCTT
CCTCCACCCCTTGGCCGAGCCTAGCAGGATGCCTAGCACATAGTAGGTACTCAAATTGTG
TTGAGAAGAAGGTCGCAATTCCTATCTCCAAGGGTCCCACTGACTAGAATGAGAGATGGA
AAAGTCAGTAAGTAACTGTTAACTGTGGTGTGAAAAGCAGTGTGAGAAGGAGTAGACCC
AGGCTGTCTGGGTTCTAATCCATGTAACCTAAAATCGCTTGTGCCTCAGTTTTCTCATT
AAAATGAGGTGAAGTAACAGTACCTTTCTTATACATCTGTTGTGAGGATTAATCTAATA
AATGTAAGCCTGAGCAAAGTACCTGGTATAGAGTGGACCATCAGGAAATGTTAGTTGTG
ATGAAGAGGATGATGAAGATGATGAAATGGTGGTGGTGGGATGTTATGGTGATAGTTG
CAGGGGGAGAGCCTAACTTTTCAGGGAGGGCTTACATACGAAGTGCCTTTGAGCTGAA
TTTCCAAGGCAAGTAGTAATGCCTTAGGGCAGTGTCTTAGTTACCATTGCTGTTTTATT
AGTCTGATCTTACACTGCTATAAAGAACTACCTGAGACTGGGTAATTTATGAAAAAAAAA
AAAAAAAAAAAAAAAAAAAA

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5' Read Nucleotide Sequence:	>OriGene 5' read for BC013935 unedited TCTAGCATTTGTAAACGACTTACTATAGGCGGCCGGAATTCGCCATTACGGCCGGGGTT AACATGCGGATCCTGTTAGTAGATCTGGGATGGGTTGAGAGTCTGCCTTTCTAACAGGCT TTTGGGTGATGTCGATGCTGCTGGTCCAGGGACCATACCTCTACTCAGAAGGCCTAACAC TGTATGCCACTTTGGTGTGACAAGATGAAACACTTTGAGCTTCTCAAGATCTTCCTTTT CCATTTGCCAGATGTTCTTCTCTGGATCTTTTCTGTTTTTTGTATTTTTTTGTTTTTTA TTTTTCTTTGAGACAGGTCTTACTCTGTCAACCCAGGCTGCAGTGCAGTGGCATGATCACA GCTCACTGTAGCCTTGACCTCCTGGGCTCAAGCCATCCTCCACCTCAGCCTCCTGAGTA GCTGGGACTACAGGCGCACACCACACCTGGCTAATTTTTTCATTTTTTTGTAGAGATG AGGTCTCACTATATTGCCAGGCTGGTCTCAAACCTCCTGGGCTCAAGTGATCCTCCTACC TTGGCCTACCACAGTGTAGGATTACAGGTGTGAGCCACCGGCCAGACTTCCTCTAGA TCTTTACTCGGCTGTCTTCTTTTATTCTATCTCAGCAAAAACGTCACCACCTAGAGAA ACTTTGTGTTCTCCCATGGCCANATCTAAAGTAGCTCCCACTGCCTGTTTTAGCTCTTA AAGACAGCCTCTGAGAGATCTTGTGTTGNATTTCTCTGTCTCTATGAGAAGAAGATT CTGCGAGGACAAAGCCCTTGCACTTGTCTGTCTGTCCAGTGTGGTTCTTCTCCACC CTTGGCCGAGCCTAGCAGGATGCTAGACATAATAAGTACTCAAATGGTGGGAGAAGAAGT CGCANTCCTATCTCAAGTCCACTGACT
Restriction Sites:	Please inquire
ACCN:	BC013935
Insert Size:	1399 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:	BC013935.1
RefSeq Size:	1399 bp
Locus ID:	79442
Cytogenetics:	3p21.31
Protein Families:	Druggable Genome

Gene Summary:

This gene encodes a member of the leucine-rich repeat-containing family of proteins, which function in diverse biological pathways. This family member may possibly be a nuclear protein. Similarity to the RAS suppressor protein, as well as expression down-regulation observed in tumor cells, suggests that it may function as a tumor suppressor. The gene is located in the chromosome 3 common eliminated region 1 (C3CER1), a 1.4 Mb region that is commonly deleted in diverse tumors. A related pseudogene has been identified on chromosome 2. [provided by RefSeq, Sep 2011]