

## Product datasheet for **SC321795**

### **LRRC23 (NM\_201650) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	LRRC23 (NM_201650) Human Untagged Clone
Tag:	Tag Free
Symbol:	LRRC23
Synonyms:	LRPB7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_201650.1  
 CCAGCACGTAGGCTTCGAATCCCGGGATCAATTAGCGGCCAACGCCCTTCCGCGCC  
 TCATCCGGGTTCCCGGGACGGGAAAGTGGCGTGGTAACCAGGCAACTACTGATCAATCCC  
 CTCCCCGGCTGATTTGCGCATCAGGAGGAGGACTGAGCTTACCTGACTCCAGAGCTTTCA  
 GGAGGGAAGAAAGATGTCAGATGAAGATGATCTAGAAGACTCTGAGCCAGACCAGGATGA  
 TTCTGAGAAAAGAGAGGACGAGAAGGACAGAGGAGGGGGAGGACTACAGAAAAGAGGG  
 GGAAGAGTTCCTGAGGAATGGCTGCCACCCCCCTCACGGAGGACATGATGAAGGAAGG  
 GCTTTCTGCTGCTGTAAGACAGGCAATGGGCTGGCTCATGCTTATGTCAAGCTGGAGGT  
 TAAAGAGAGGGACCTGACAGACATCTACTTGTGCGCTCTACATCCATCTGCGCTATGT  
 GGATATTTCTGAGAACCACCTGACAGACCTGTCTCCACTCAACTACCTCACCCACCTGCT  
 CTGGCTCAAGGCTGATGGCAATCTGCTGCGAAGTGCCAGATGAATGAACTGCCCTACCT  
 GCAGATTGCTAGTTTTGCTTATAACCAGATTACTGACACTGAAGGCATCTCTCATCTCG  
 TCTTGAAACCCTGAATCTCAAAGGGAACAGCATCCACATGGTGACAGGTCTGGACCCGA  
 GAAGTTGATCAGCTGCACACAGTGGAGCTTCGGGGGAACCAGCTGGAAGCACCCCTGGG  
 AATCAATCTTCTAAGCTGAAGAACCTCTACCTGGCCAAAACATGCTGAAGAAGGTGGA  
 AGGCTTGAGGATCTGAGCAATCTCACCACCTTGCATCTTCGAGACAACCAGATTGACAC  
 CCTGAGTGGCTTCTCCAGAGAAATGAAATCATTGCAGTACCTCAACCTGAGGGGCAACAT  
 GGTGGCCAACTGGGGGAGCTGGCCAAGCTTCGAGACCTGCCAAAGCTGCGAGCGTTGGT  
 GCTGCTTGATAACCCATGCACGGACGAAACCAGCTACCGCCAGGAGGCCCTGGTGCAGAT  
 GCCATACCTTGAACGCCTGGACAAGGAATTCTATGAGGAGGAGGAACGGGCTGAGGCTGA  
 TGTGATTGACAGAGGCTGAAGGAAGAAAAGGAGCAGGAGCCTGAGCCCCAGCGTGACCT  
 GGAACCCGAACAGTCATTGATCTAGCAGCAGTTCTAGCCTCTAAAGATAGAGATCAAAGA  
 CGCTGGCCTTCAGACCTGATCAGACTCCCAGGGGACGCCACCACATGTATGACAGAGAAC  
 AGAGGATGCCTGTTTTTGCCCCAAAGCTGGAAATTCATCACAACTGAGGCCAGGATCT  
 GCTCTGTGCCGGTCTCTGGGCAGTGTGGGTGCGAATGGGGTGCCTAGGCCTGAGCGT  
 TGCCTGGAGCCTAGGCCGGGGGCCCCCTCGGGCAGGCGTGGGTGAGAGCCAAGACCGCG  
 TGGGCCGCGGGTGTGGTGGAGTGGTTGGAGAGACTTGCGAAGGCGGCTGGGGTGTTC  
 GGATTTCCAATAAAGAAACAGAGTGATGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
 AAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_201650

**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).

**OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**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\\_201650.1](#), [NP\\_964013.1](#)

**RefSeq Size:** 1595 bp

**RefSeq ORF:** 1032 bp

**Locus ID:** 10233

**UniProt ID:** [Q53EV4](#)

**Cytogenetics:** 12p13.31