

Product datasheet for **SC120172**

LRP15 (LRRC3B) (NM_052953) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRP15 (LRRC3B) (NM_052953) Human Untagged Clone
Tag:	Tag Free
Symbol:	LRP15
Synonyms:	LRP15
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC120172 sequence for NM_052953 edited (data generated by NextGen Sequencing)

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ATGAATCTGGTAGACCTGTGGTTAACCCGTTCCCTCTCCATGTGTCTCCTCCTACAAAGT
TTTGTTCTTATGATACTGTGCTTTCATTCTGCCAGTATGTGTCCCAAGGGCTGTCTTTGT
TCTTCCTCTGGGGGTTTAAATGTCACCTGTAGCAATGCAAATCTCAAGGAAATACCTAGA
GATCTTCCTCCTGAAACAGTCTTACTGTATCTGGACTCCAATCAGATCACATCTATTCCC
AATGAAATTTTTAAGGACCTCCATCAACTGAGAGTTCTCAACCTGTCCAAAAATGGCATT
GAGTTTATCGATGAGCATGCCTTCAAAGGAGTAGCTGAAACCTTGCAGACTCTGGACTTG
TCCGACAATCGGATTCAAAGTGTGCACAAAAATGCCTTCAATAACCTGAAGGCCAGGGCC
AGAATTGCCAACAACCCCTGGCACTGCGACTGTACTCTACAGCAAGTTCTGAGGAGCATG
GCGTCCAATCATGAGACAGCCCACAACGTGATCTGTAAAACGTCCGTGTTGGATGAACAT
GCTGGCAGACCATTCTCAATGCTGCCAACGACGCTGACCTTTGTAACCTCCCTAAAAAA
ACTACCGATTATGCCATGCTGGTCACCATGTTTGGCTGGTTCACTATGGTGATCTCATAT
GTGGTATATTATGTGAGGCAAAATCAGGAGGATGCCCGGAGACACCTCGAATACTTGAAA
TCCCTGCCAAGCAGGCAGAAAGAAAGCAGATGAACCTGATGATATTAGCACTGTGGTATAG
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Clone variation with respect to NM_052953.2



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_052953 unedited NGGGTTCAAAATTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGGGAACC TTTACCACGCTTGTGGAGTAGATGAGGAATGGGCTCGTGATTATGCTGACATCCAGCA TGAATCTGGTAGACCTGTGGTTAACCCGTTCCCTCTCCATGTGTCTCCTCTACAAAGTT TTGTTCTTATGATACTGTGCTTTCATTCTGCCAGTATGTGTCCCAAGGGCTGTCTTTGTT CTTCTCTGGGGTAAATGTACCTGTAGCAATGCAAATCTCAAGGAAATACCTAGAG ATCTTCTCTGAAACAGTCTTACTGTATCTGGACTCCAATCAGATCACATCTATTCCCA ATGAAATTTTTAAGGACCTCCATCAACTGAGAGTTCTCAACCTGTCCAAAATGGCATTG AGTTTATCGATGAGCATGCCTTCAAAGGAGTAGCTGAAACCTTGACACTCTGGACTTGT CCGACAATCGGATTCAAAGTGTGCACAAAAATGCCTTCAATAACCTGAAGGCCAGGGCCA GAATTGCCAACAACCCCTGGCACTGCGACTGTACTCTACAGCAAGTTCTGAGGAGCATGG CGTCCAATCATGAGACAGCCACAACGTGATCTGTAAAACGTCCGTGTTGGATGAACATG CTGGCAGACCATTCTCAATGCTGCCAACGACGCTGACCTTTGTAACCTCCCTAAAAAAA CTACCGATTATGCCATGCTGGTCACCATGTTGGCTGGTTCACTATGGTATCTCATATG TGGTATATTATGTGAGGCAAAATCANNGAGATGCCCGAGACACCTCGNATACTTGAAT CCTGNNAAGCAGCAGAAAGCAGATGAACCTGATGATATTAGCACTGTGGGTATAGT GTCCAACCTGACTGCATTGAAAAA
Restriction Sites:	NotI-NotI
ACCN:	NM_052953
Insert Size:	6000 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:	NM_052953.2 , NP_443185.1
RefSeq Size:	1718 bp
RefSeq ORF:	780 bp
Locus ID:	116135
UniProt ID:	Q96PB8
Cytogenetics:	3p24.1
Domains:	LRRNT, LRR, LRR_TYP
Protein Families:	Transmembrane

Gene Summary:

The protein encoded by this gene is a tumor suppressor, with lowered expression levels found in gastric, renal, colorectal, lung, and breast cancer tissues. The promoter of this gene is frequently hypermethylated in these cancer tissues, although the hypermethylation does not appear to be the cause of the reduced expression of this gene. Several transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Dec 2015]

Transcript Variant: This variant (1) represents the longest transcript. All five variants encode the same protein.