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Product datasheet for MG206435

Lrch2 (BC056180) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrch2 (BC056180) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Lrch2
Synonyms:	AI316885; mKIAA1495
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence:

>MG206435 representing BC056180
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAAGATTTTTATCCAAACAAAAATCATGGCCCTGACTCTGGAATCGGAAGTGATAATGGAGAAAAGC
GATTGTCTACAACAGAACCATCAGACGATGACACAATCAGCCTTCACTCTCAAGTCTCAGAATCAAATAG
AGAGCAAACATCAAGAAATGACAGTCATATAACAGGAAGCAAGCCTGATTCTCAGAAAGACCAGGAGGTG
TATGATTTTATTGATCCCAACACGGAAGACGTAGCAGTTCCTGAAGAAGGAGATACACATATTGGATCAT
TTGTTTCTTTCCTTAAGGGGAAAGAAAAGAGCTCTGAAAAATCTCAGAAAAATGAAGAACCGCCAAATGA
AAAAAAAGTTGACAAAGAACAGTTACTTCCAGAAGAAGAAGATGATGATTTGAAAGAAGTAACTGATTTG
AGGAAGATAGCTGCTCAGTTACTGAAGCAAGAACAGAAGAACAGTGTCCCAGCAGATGAAGGGAATTCAC
CATTATCACCTCTTGCATGGCAGCCATTAGAAAATCAGAAGGACCAAATAGTTGATCAACAGTGGCCAGA
ATCTCAGCCTATAATCTGGCAAAATGAAGAGAGGAGACGAAGCAAGCAGATCAGAAAAGAATATTTCAAG
TACAAATCAACAAGGAAGAATTCAAGTGGCAATGAGAATGAGGAGCAAGAGAGTGATAATGCTCATATGT
CCGCACAGTCTCCAGTATCATCTGAGGAATATGACCGCTCTGATGGCTTTTCACATGGTCCCTTTGGCTT
GAAGCCTAGATCAGCCTTCAGTCGTGCATCTCGTCAAGAATACGGGGCAGCAGATCCAGGATTTACAATG
AGAAGAAAGATGGAGCATTTACGGGAAGAGCGTGAACAGATAAGGCAGCTTCGCAATAATCTTGAATCCA
GATTAAAAGTCATTTTACCTGATGACATAGGAGCCGCACTGATGGATGGAGTTGTTCTTTGCCATTTGGC
CAATCACATAAGGCCACGCTCTGTAGCTAGCATTCATGTACCGTCACCAGCAGTGCCCAAGCTGAGCATG
GCAAAATGTCGAAGAAATGTAGAAAATTTTCTTGACGCTTGCAAAAAGTTGGGTGTTTCACAGGAGAGAC
TGTGCTTGCCTCACCATATTTTGGAAGAGCGAGGTCTTGTGAAAGTTGGTGTCACAGTTCAGGCCCTCCT
TGAATTACCTACTACAAAGGCATCTCAGCTTTCTATGGCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

View online »

Protein Sequence:

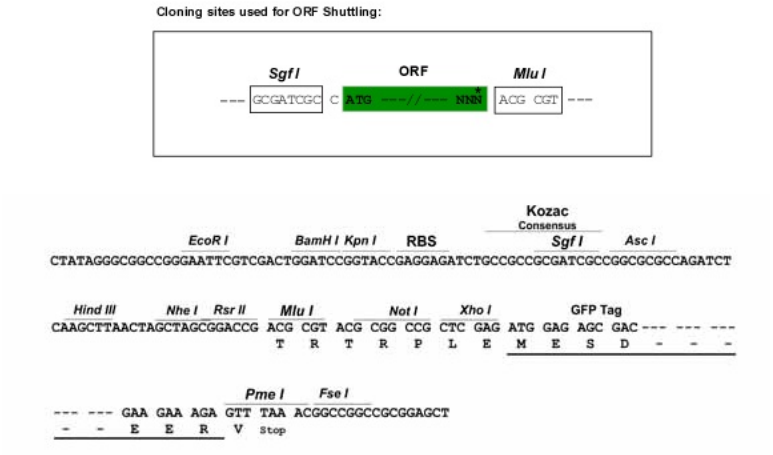
>MG206435 representing BC056180
Red=Cloning site Green=Tags(s)

MEDFYPNKNHGPDSGIGSDNGEKRLSTTEPSDDDTISLHSQVSESNREQTSRNDSHITGSKPDSQKDQEV
YDFIDPNTEDVAVPEEGDTHIGSFVSFLKGKEKSSEKSQKNEEPPNEKKVDKEQLLPEEEDDDLKEVTDL
RKIAAQLLKQEQKNSVPADEGNSPLSPLAWQPLENQKDQIVDQQWPESQPIIWQNEERRRSKQIRKEYFK
YKSTRKNSSGNENEEQESDNAHMSAQSPVSSEEYDRSDGFSHGPFGLKPRSAFSRASRQEYGAADPGFTM
RRKMEHLREEREQIRQLRNNLESRLKVILPDDIGAALMDGVVLCHLANHIRPRSVASIHVPSPAVPKLSM
AKCRRNVENFLDACKKLGVSQERLCLPHHILEERGLVKVGVTVQALLELPTTKASQLSMA

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC056180

ORF Size: 1230 bp

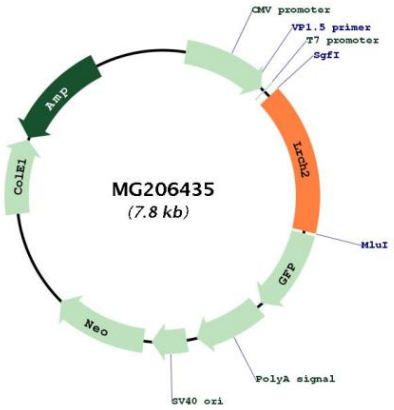
OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC056180, AAH56180
RefSeq Size:	1468 bp
RefSeq ORF:	1232 bp
Locus ID:	210297
Cytogenetics:	X F2
Gene Summary:	May play a role in the organization of the cytoskeleton.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG206435