

Product datasheet for **RN202873**

Isl2 (NM_020471) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Isl2 (NM_020471) Rat Untagged Clone
Tag: Tag Free
Symbol: Isl2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN202873 representing NM_020471
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGGATATTATTTTTTCATTATCCTTTTCTGGGTGCTATGGGGATCATTCCAAGAAGAAGCCGGGA
CGGCCATGTGCGTGGGCTGCGGGAGTCAGATCCACGACCAGTTTATCCTTCGGGTGTCGCCGACCTCGA
GTGGCACGCCGCTGCCCAAGTGCCTGAGTGCAGCCAGTATCTGGATGAGACGTGCACGTGCTTCGTG
AGAGACGGGAAAACGTAAGTCAAGCGGGACTACGTCAGGCTGTTCCGGCATCAAGTGTGCCAGTGTCAAG
TGGGCTTCAGCAGCAGTACCTGGTGTGCGGGCGGGACAGCGTGTACCACATCGAGTCTCCGCTG
CTCCGTGTGCAGCCGCCAGCTGCTCCCTGGAGACGAGTTCTCGCTGAGGGAGCACGAGTCTGCCCCA
GCCGACCACGGCCTCCTGCTGGAGCGCGCTGCGGCCGGCAGCCCGCAGCCCTGGCCCGCTCCCGGCA
CCCCACCAGGCCTGCATCTGCCAGACGCCGGTCCGGACAACAGGTCTCACTGCGCACGCAGTGCACAA
GCAGGGCGAGAAGACAACCCGGGTGCGGACTGTGCTCAACGAGAAGCAACTGCACACCCTGCGGACATGC
TACGCCGCAACCCGCGCCGACGCGCTCATGAAGGAGCAGCTGGTAGAGATGACCGGCTTGAGCCCGC
GGGTATCCGCGTGTGGTTTCAGAACAGCGTTGCAAGGACAAGAAGAAGTCCATTCTCATGAAGCAGCT
ACAGCAGCAGCAACACAGCGACAAGGCGAGTCTCCAGGGACTAACTGGGACGCTCCTGGTGGCGGGCAGC
CCATCCGCCCATGAGAACGCCGTGACGGGACGCGAGTGCAGGTGCAGACGTACCAGCCGCCCTGAAAAG
CTCTCAGCGAGTTCGCACTCCAGAGCGACCTGGATCAACCCGCTTTCAACAGCTGGTCTCCTTCTCCGA
GTCAGGCTCCCTAGGCAACTCCTCTGGTAGCGACGTGACCTCTCTGTCTTCGCAGCTCCCGGACACCCCC
AACAGTATGGTACCTAGTCCGGTGGAGACGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_020471
Insert Size: 1083 bp



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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_020471.1 , NP_065204.1
RefSeq Size:	1298 bp
RefSeq ORF:	1083 bp
Locus ID:	57233
UniProt ID:	P50480
Cytogenetics:	8q24
Gene Summary:	LIM homeobox transcription factor; involved in topographic organization of motor neurons [RGD, Feb 2006]