

Product datasheet for RN212242

Ift172 (NM_053792) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ift172 (NM_053792) Rat Untagged Clone
Tag: Tag Free
Symbol: Ift172
Synonyms: Slb
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN212242 representing NM_053792
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCAAGTTGAAGCACCTGAGGACCCTGCTGAGCCCTCAGGATGGAGCTGCGAAGGTGACCTGCATGGCCT
 GGTCCCAGAACAATGCTAAATTTGCTGTCTGCACAGTGGACCGAGTGGTACTGCTGTACGATGAACACGG
 GGAGCGGAGAGACAAGTTCTCCACCAAACCAGCTGACATGAAGTATGGCAGGAAGAGCTACATGGTCAA
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 AGATAGGAGAAGACTGGGGTGACAAGAAGTTCATCTGCAACAAGTTCATCCAGACGAGTCCGCTCACTTG
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 TCACACTATGGCTACGAAGTGAAGAGGTGAAAATCCTGGGAAAGGAACGTTACCTGGTGGCTCACACTT
 CAGACACGCTGCTGCTGGGAGACCTCAACACAAACCGCCTCAGTGAAGTACCTGGCAGGATCGGGTGG
 CAATGAGAAATATTTCTTTGAAAATGAGAATGTCTGCATGATCTTCAATGCTGGAGAGCTGACCCTGGT
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 GTATCAATGAGAGGTGCCAGCGAGGAATGGAAGACAATAAGAAAATGGCTTATCTTGTGATTAAGAC
 GATTGCTATAGTGATCTGATCGGTGGCTACAACATTGGTACTATCAGTCACGAAAGCCGTGGATTGG



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CTGGAACCTAACGAACTGGGCACAAGCTTCTCTTCAGAGACCGGAACTTCGTTTGCATCTGTACGATA
 TTGAAAGCTGCTCTAAGACAATGATCCTGAACTTCTGCTCCTACGTGCAGTGGGTCCCGGGAGTGATGT
 GCTGGTGGCTCAGAACCGGAACAGCTTATGTGTCTGGTACAATATCGAGGCACCTGAGAGAGTCACCATG
 TCCTCTATCAGGGGTGATGTTGTCTGGTCTGGAGAGAGGTGGTGGGAAGACGGAGGTCATGGTGACAGAAG
 GTGTGACTACTGTGGCCTACACCCTGGATGAGGGCCTGATTGAGTTTGAACAGCCATCGATGACGGCAA
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 TTGACAAAAGCTCGGTTCCCTGCATGAGACCAATGAGATAGCGGATCAGGTGTCCAGGGAATATGGTGGAGA
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 CCACAAGCTGGCCATGAAGTGCATGCGACCAGAAGACGTGTCAGTGTCTACATCACACAGGCCCAAGAA
 ATGGAGAAGCAGGGCAAGTACCGAGAGGCCGAGAGGCTGTACGTGACAGTGGAGGAGCCTGATCTTGCCA
 TCACCATGTTCAAAAAGCACAAGTTGTATGACGACATGATTCCCTGGTGGGAAGCACCATCCAGACCT
 CCTCAGCGACACACACCTTCACTGGGCAAGGAGCTGGAGACAGAAGGCCGACTGCAAGAGGCTGAGTAC
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 GCTGACAACTGCTCCTTTGAGTTTGCCTTTGAACTCTCTCGGCTAGCCCTCAAGCACAAAACCCCGGAGA
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 GGCTGGTAAACCAAGGAGGAGCCTCATGTTTGTCCACAACCAGGATGGGAGGCAGCTCAGCGTGTG
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 AGGACTTTCAGAAGGCAGAAGGGTTGCTGCTTCGGGCCAGAGACCAGGCTGGCTCTCAATTATTATAA
 GGAGGCTGGACTCTGGAGTGATGCTCTGAGGATCTGCAAGGACTATGTGCTGGCCAGCTGGAGGCCCTG
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 GGCAATGGGAACAGGCTGGAGAGTATAGCCGTGCAGTGGACTGCTACCTCAAAGTTCGAGACTCAGGAAG
 CAGTGGCTGATGGAGAAGTGTGGATGAAGGCGGCTGAACTGTCCATCAAGTTCCTGCCTCCCAAGCGA
 AGTCTGGAAGTGGTTCGGGTTGTAGTCCCCAGCTGATTGGAATTGGAAGCACAGTGTCTTGCAGAAC
 TCTATCTGAACCTGGACCTTGTCAAAGAAGCAATTGATGCCTTCAATTGAGGTGAAGAGTGAACAAGGC
 CAAGCGCTGGCCAAAGAGCTAGATCCCCGGTATGAAGACTATGTGGATCAGCATTATAAGGATTCCTC
 AAGAACCAGGGTAAAGTGGATTTCCTGGTGGGTGTGGACGTAGTAGCTGCCTTGGACCTGTATGTGGAGC
 AGGGCCAGTGGGATAAGTGCATTGAAACGGCTACCAAAACAGAACTACAAGATTCTGCACAAGTATGTGGC
 TCTGTATGCGACTCATCTGATCCGAGAAGTGGCTATGCCAGGCCCTGGCCCTCTACGTGCAACATGGA
 GCCCTGTAAACCCAGAAATTTCAACATCTACAAAAGGATCTTCACTGACATGGTTAGCTCTCCTGGGA
 CCAACAATGCTGAGGCCTACCATAGCTGGGCTGACCTTCGGGATGTCCTTCAACCTGTGTGAAAACCT
 GGTGAAGTCCAGCGAGGCAAACTCGGCAGCTCATGAGGAGTTTGAAGTATGCTGCTGATCGCTCATTAC
 TATGCGACACGATCCGCAGCGCAGAGCATCAAACAGCTGGAAACCGTAGTGTGACTTTCCGTTTCGC
 TCTTGGCCACACCCAGTTACTACTGCGGACAAGGCCTTTTATGAAGCAGGCACTGCTGCAAGGAAGT
 TGGCTGGGAGAACATGGCCTTCAATTTCTCAACCGATTTTGGATCTGACTGATGCCATCGAAGAAGGG
 ACCTTGGATGCCCTGGACCACTCTGATTTTCAGGACACAGACATTCCTTTGAGGTGCCACTCCCTGCCA
 AGCAGCATGTCCCGGAGGCCAGAGAGAAGAGGTTTCGAGACTGGGTGCTCACAGTCTCGATGGACCAGAG
 GCTGGAGCAGGTTCTGCCCGAGATGAGCGTGGTGTCTACGAGGCTTCCCTAGTGGCAGCGAGCACTGGA
 GTCGGGCCCTGCCCTGTCTCATTACAGGTTACCCCATTTGAGGAACAAAATTAATTTAAGCGGCCTG

GGAAGGCTGCTAACAAAGACAACCTGGAACAAGTTTCTTATGGCCATCAAGACCTCCCACAGTCCAGTGTC
CCAGGATGTGCTCAAATTCATCAGCCAGTGGTGTGGTGGGCTCCCAGCACCAGCTTTTCCTTTCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_053792
Insert Size:	5250 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:	<u>NM_053792.1</u> , <u>NP_446244.1</u>
RefSeq Size:	5392 bp
RefSeq ORF:	5250 bp
Locus ID:	116475
UniProt ID:	<u>Q9JKU3</u>
Cytogenetics:	6q14
Gene Summary:	selectively interacts with Lhx3 and Lhx4; may be involved in modulating the transcriptional activity of specific LIM factors [RGD, Feb 2006]