

Product datasheet for MC211202

Isx (NM_027837) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Isx (NM_027837) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Isx
Synonyms:	9130012O13Rik; Pix-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC211202 representing NM_027837 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGCAGGCCCTACGATCCACAGGGACATGGAGAAGAGTTCAGGATACTGTGAAGCCCCAGAGAATCTGG
GCTTGTCTTCTCCATTGAGGCAATCCTGAAGAAACCCACAGAAAGAAGAAGTTGCCAGACCACAAAG
CATTTGTAAGAGGACTCCAGGCAGACAACTATCCCAGGTTCCAAGCTGGAGAGGCCCCACAGGATCAG
CCCCAAGAAGAGAAAAAGAACAAGCGGAGAGTTCGCACTACCTTCACCACAGAGCAGCTACAGGAGCTGG
AGAAGCTCTTCACTTCACCCATTACCCTGACATCCATGTCCGTTCCCAATTGGCTTCCAGGATTAACCT
GCCTGAAGCTCGAGTACAGATCTGGTTCCAGAATCAGAGAGCCAAGTGGAGGAAGCAGGAGAAGAGTGGG
AACCTCAGTGCCCCACAGCAGCCTGGTGAGGCCGGCTTGCCCTGCCCTCAAACATGGACGTGTCTGGTC
CTGTGCTGACACCCACTGCTATGACTACATTGGTACCTCCACAGAATGCTGCCTACTCTCTCAGACTCA
GCTCCCTTCAAGCTGGTTCCCTACACAGATTCCCCTTGTCCTATGGCACCCATGGGACCTACAGCCCCTG
CCTGGCCCTCTCACCAGCATCCTTGTGTCCTACCTTCATGTTCCACCCCTACACCCAAGTGGGGCA
GCATCTGTGCAACTTCAACAT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_027837
Insert Size:	723 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:	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:	<u>NM_027837.3</u> , <u>NP_082113.2</u>
RefSeq Size:	1792 bp
RefSeq ORF:	723 bp
Locus ID:	71597
UniProt ID:	<u>A1A546</u>
Cytogenetics:	8 C1
Gene Summary:	Transcription factor that regulates gene expression in intestine. May participate in vitamin A metabolism most likely by regulating BCO1 expression in the intestine.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) uses an alternate splice junction at the 3' end of an exon compared to variant 1, that causes a frameshift. The resulting isoform (2) has a shorter and distinct C-terminus compared to isoform 1.