

Product datasheet for **MC226520**

Isx (NM_001294278) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: Isx (NM_001294278) 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: >MC226520 representing NM_001294278
Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAGGCCCTACGATCCACAGGGACATGGAGAAGAGTTCAGGATACTGTGAAGCCCCAGAGAATCTGG
GCTTGTCTTCTCCATTGAGGCAATCCTGAAGAAACCCACAGAAAGAAGAAGTTGCCAGACCACAAAG
CATTTGTAAGAGGACTCCAGGCAGACAACTATCCCAGGTTCCAAGCTGGAGAGGCCCCACAGGATCAG
CCCCAAGAAGAGAAAAAGAACAAGCGGAGAGTTCGCACTACCTTCACCACAGAGCAGCTACAGGAGCTGG
AGAAGCTCTTCACTTCACCCATTACCCTGACATCCATGTCCGTTCCAATTGGCTTCCAGGATTAACT
GCCTGAAGCTCGAGTACAGATCTGGTTCCAGAATCAGAGAGCCAAGTGGAGGAAGCAGGAGAAGAGTGGG
AACCTCAGTGCCCCACAGCAGCCTGGGTCTGTGCTGACACCCACTGCTATGACTACATTGGTACCTCCC
ACAGAATGCTGCCTACTCTCTCAGACTCAGCTCCCTTCAAGCTGGTTCCCTACACAGATTCCTTGTGCC
CATGGCACCCATGGGACCTACAGCCCCTGCCTGGCCCTCTACCCAGCATCCTTGTGTCCCTACCTTCAT
GTTCCACCCCTACACCCAAGTGGGGCAGCATCTGTGCAACTTCAACATAGGGACTGATTTTCTCTTT
CCAAGCAAGCAACTCTCCTCTCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001294278

Insert Size: 729 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001294278.1</u> , <u>NP_001281207.1</u>
RefSeq Size:	1751 bp
RefSeq ORF:	729 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 (1) encodes the longer isoform (1).