

## Product datasheet for **MC206281**

### **Uxs1 (BC037049) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Uxs1 (BC037049) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Uxs1
Synonyms:	1600025I13Rik; AI451869; AI649125; AW550562
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC037049  
 CCACGCGTCCGGCGCGGACGGCCCCGACCCGAGCGGTTCCCGGGCATGGTGAAGCAAGGGTCTGTTGCGC  
 CTTGTCTCTTCACTCAACCGCAGGAGGATGAAGCTTCTGCTCGGCATCGCGCTGTTTCGCCTACGCCCGCT  
 CTGTTTGGGGCAACTTTGTTAACATGAGGTCTATCCAGGAAAAATGGAGAACTAAAGATCGAAAGCAAGAT  
 TGAAGAGATTGTTGAACCATTAAGAGAGAAAAATCAGAGATTTGGAAAAAGTTTTACCCAGAAATACCCG  
 CCTGTAAGTTTTTATCAGAAAAGGACCGGAAAAGGATTTGATCACTGGAGGTGCAGGCTTTGTGGGCT  
 CCCATCTAACTGACAACTCATGATGGATGGCCATGAGGTGACCGTGGTGGACAACCTTTCACAGGCAG  
 GAAGAGAAATGTGGAACACTGGATTGGCCATGAGAACTTCGAGCTGATTAAACCATGATGTGGTCGAGCCG  
 CTCTACATAGAAGTTGACCAGATATATCATCTGGCATCTCCAGCCTCCCCACAACTACATGTACAACC  
 CCATCAAGACACTGAAGACTAATAACAATTGGAACACTAAACATGTTGGGATTGGCAAAGCGCGTGGGTGC  
 CCGTCTGCTCTTGGCCTCCACTCCGAGGTATATGGAGATCCTGAGGTCCACCCTCAAAGTGAGGACTAC  
 TGGGGCCATGTGAATCCCATAGGACCCCGAGCCTGCTATGATGAGGGCAAACGTGTTGCAGAGACCATGT  
 GCTATGCCTACATGAAGCAGGAAGGTGTGGAAGTACGGGTGGCAAGGATCTTCAACACCTTTGGGCCGAG  
 AATGCACATGAATGATGGGCGGGTGGTCAAGCACTTCACTTACAAGCACTACAAGGGGAGCCACTCACA  
 GTCTATGGCTCTGGGTCTCAGACACGGGCACTTCCAGTACGTAAGTATGATCTGGTGAATGGCCTGGTAGCAC  
 TGATGAACAGCAATGTCAGCAGTCTGTCAACTGGGAAATCCAGAAGAACACACAATCCTGGAATTTGC  
 TCAGTTAATTAACAACTTGTGGTAGTGGAAAGTAAATTCAGTTTCTCTCTGAAGCCCAGGATGACCCA  
 CAGAAAAGAAAACAGACATCAAAAAGCAAACTGATGCTGGGGTGGGAACCTGTGGTTCCATTGGAGG  
 AAGGATTGAACAAAGCCATCCACTACTTCCGGAAGGAATTAGAGTACCAGGCTAATAACCACTACATCCC  
 CAAACCAAGCCCGCCAGAGTGAAGAAGGGCCGGACGCGCCACAGCTGAGTTAGTTAGCCTTAGGTTATG  
 AGACTCTGTTTTACCCGATGAGGTGGACTTTTGTGGGATTTTTTTTTTATTTTTAAAGACTTCAACAG  
 GTGTCATGAAGAACAACCTGGAATTTTATCTGAAGCTTGCTTTAAAGCACTGATGTGCCTAACGCTC  
 CTTGAAAGCTGCAGACTTTGCCTTGCATTTTAAATCTGTCTTTGTTATGTACAACAGCCTAGATGCAT  
 CTCTGCTATTTTACAGTTTTTATCTTCTGTTAGAGTGTATGCTGTAAGTGCATTGACAGTTTTATTAC  
 TGGTTTTTTTGTGAAGCTGAAAAGAAACATTAATGGGGTGGAAAATGTCAATTTTATTTATAAAAGTGG  
 GTACTTATAAATGAGATGTTACTACTATGCATAAAGAATAAAAAATCCTAGAGGTAAGTGTGGGTGGG  
 GCACCAGTGTGTTGGGGACAGATGAAAGGACTCAGTTGGGAAGCTTTGTCTTTCTTTTAAATTCAGA  
 GTTTTCTGAAGGTCTAGTTTTAGTTGCAAACTTACTTTGAAACATCCCTGTTGGTTCTTGATCAAAGA  
 TATTTGAAATCACTACTGTGTTGTGCTGCATATTGGGGTGGGGTGGGGGACAACGTTAACATATTCTT  
 GGTTAACCATGGTTAAATATGCTATTTTAAATAAATATTGAAACTCATCAGACATGGGTTTTGAGCTACA  
 AAGATTGACATCTGCTTTACATCAGATGTGTGGTGGCTGAGAAGAACACTTGAGATCTTAGTTAAAGGGA  
 ATTCTGAGAACATCCAGGTTTATACCATATTTAACTTGATATGTAAGTGTGAGAACCATCTGTGTGCTCT  
 CTGGGCTGAATCTGTGCATATGATACACACATGTGTATATGTCTTTATCTGAAATACTTAAACCAACTG  
 TTTCAAATTTCAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** BC037049

**Insert Size:** 1263 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:**

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:** [BC037049](#), [AAH37049](#)

**RefSeq Size:** 2266 bp

**RefSeq ORF:** 1263 bp

**Locus ID:** 67883

**Cytogenetics:** 1 C1.1

**Gene Summary:** Catalyzes the NAD-dependent decarboxylation of UDP-glucuronic acid to UDP-xylose. Necessary for the biosynthesis of the core tetrasaccharide in glycosaminoglycan biosynthesis (By similarity).[UniProtKB/Swiss-Prot Function]