

Product datasheet for RN201775

Uxs1 (NM_139336) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Uxs1 (NM_139336) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Uxs1
Synonyms:	UGD
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN201775 representing NM_139336 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGTGAGCAAGGGGCTGCTGCGCCTTGCTCTTCAGTCAACCGCAGGAAGATGAAGCTTCTGCTGGCA
TCGCGCTGTTGCGCTACGCCCTCTGTTGGGCAACTTGTAAACATGAGGTCTATCCAGGAAAATGG
TGAACAAAGATTGAAAGCAAGACCGAAGAGATTATTGAACATTAAGAGAGAAAATCAGAGATTTGGAA
AAAAGTTTCACCCAGAAATACCCACCAGTAAAGTTTTTGTGAGAAAAGGACCGGAAGAGGATTTTGTCA
CTGGAGGTGCGGGCTTTGTGGGCTCCCATCTAACTGACAAACTCATGATGGATGGCCATGATGTTCCGT
GGTGGACAACCTTCTCACAGGCAGGAAGAGAAATGTGGAACACTGGATTGGCCATGAGAACTTCGAGCTG
ATTAACCATGATGTTGAGTACACTCTACATCGAAGTTGACCAGATCTACCATCTGGCTTCTCCAGCCT
CCCCTCCAAACTACATGTACAACCCATCAAGACCCTGAAGACAAATACAATTGGAACACTAAACATGTT
GGGACTGGCAAAGCGTGTGGGTGCCCTGCTCCTAGCCTCCACATCTGAGGTATATGGAGATCCTGAG
GTCCACCCTCAAAGTGAAGTACTGGGACGCTGAATCCCATAGGACCCCGAGCCTGCTATGACGAGG
GCAAACGTGTTGCGGAAACCATGTGCTATGCCTACATGAAGCAGGAAGGTGTGGAGTGGCGGTGGCCAG
GATCTTCAACACCTTTGGGCCACGAATGCACATGAATGATGGGAGGGTGGTCAAGCACTTCACTTACAA
GCGCTACAAGGGGAGCCGCTCACAGTATATGGATCTGGGTCTCAGACACGGGCATTCCAGTATGTTAGCG
ATCTAGTGAATGGCCTGGTAGCACTGATGAACAGCAATGTGAGCAGCCCTGTCAACCTGGGAAAATCCAGA
AGAACACACAATCCTGGAATTTGCTGAGTTAATTAACAACTTGTGGTAGTGGAAAGTGAATTCAGTTT
CTCTCTGAAGCTCAGGATGATCCACAGAAAAGAAAACAGACATCAAAAAAGCAAACTGATGCTGGGGT
GGGAGCCTGTGGTTCCATTGGAGGAAGGATTGAACAAAGCCATCCACTATTTCCGGAAGGAACTAGAGTA
CCAGGCTAATAACCAGTACATCCCTAAACCAAGCCTGCCAGAGTGAAGAAGGGGCGGACGCGCCACAGC
TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_139336
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:	<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_139336.1</u> , <u>NP_647552.1</u>
RefSeq Size:	2028 bp
RefSeq ORF:	1263 bp
Locus ID:	246232
UniProt ID:	<u>Q5PQX0</u>
Cytogenetics:	9q12
Gene Summary:	enzyme that catalyzes the formation of UDP-xylose from UDP-glucuronate [RGD, Feb 2006]