

Product datasheet for **SC323910**

SLC7A6OS (NM_032178) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC7A6OS (NM_032178) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC7A6OS
Synonyms:	lwr1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_032178.1
 CCACTATGGAGGCCGCCAGGACCGCTGTACTCCGGGTGAAGCGGAAGCGCAGTGCAGGAGC
 CGGCGGAGGCTCTTGTGCTCGCTTGTAAACGCCTCCGGAGCGACGCGGTGAGTCAAGCGG
 CACAGAAGACGTGCGGAGGATTTGGAGAGAGCGGCGGAGAATAATGTCTTCCACTTGGTGG
 CCACTGTGTGCTCCCAGGAGGAACCACTCCAGCCTCTCCTGCGGGAAGTTCTGCGCCCGT
 CACGGGACAGCCAGCAGCGTGTCCGCCGTAATCTCCGCGCCTCGGCTCGGAGGTCCGGC
 AGGAGGGCCGCTACCGGGTGTCTTCCAGCCGCCGATCCTTGGGGACCACCTCGAGCGGCC
 AGGAGTCCGAGTACACGCCGGGAACCCAGAAGCCGCCGGGAACCTCGGGCTTTTCAGTTGT
 TAGACCTTGTCCACGAGGAGGGAACCTGAAGCCGCCTCTGCAGGCTCTGCAAAACAT
 CTGACCCAGATGTGATCCTCTGCAATTCTGTAGAGTTGATCCGTGAGCGATTGACTGTGT
 CTGAGGATGGACAGGAGTCAAGCGCCAGGAAGAACAACACGATGACTATGTGTATG
 ACATTTACTACTTGGAGACGCCACTCCAGGCTGGATTGAGAATCCTCTCCGTGCAGC
 CCTACAGCCAAGAATGGGAGCTGGTGAATGATGATCAAGAACCAGAGGACATTTACGACG
 ATGAAGATGACGAGAACAGTGAATAACTGGCGCAATGAGTACCCAGAGGAGGAGAGCA
 GTGATGGAGATGAGGATCCAGAGGCTCTGCTGACTACAACAGCCTGAGTGAGGAGGAAA
 GAGGCAGCAGCAGCAGCGGATGTGGAGCAAGTACCCTCTGGATGTGCAGAGGAGTTCCG
 GCTATGACAGCCCCACGACCTGGATTGACTGATGGTCTTGTGATGTCCATGAGGTTT
 TGCCACATGCCCTTGAGGGCTCTGAGTCCAGAGTTAACTGCCCTGCTGACATCCTGTTAG
 GTTTCCTAGCTTAACATGTGGAAGGAAAAGCATATCAAGCATATCGGGCGGCACCATCCC
 ACCACAGTGAAAACCTTATGTTAGGGGAGTGAGTCTTTTCCACTTACAGTAGGACCCCTT
 GCCTCAATCAAAAGTGACCTACAGTTTGAAAGAAAAAAACGTTGAAAAAGGAAGGT
 TTCTTTAGCTTTAGCTTCTTGGCCAGGAATTTTCTGGCATTACAGTTCTGTGCTGAA
 ACCACAAGGGAGGGGAGGTTCCATTTCATTAGCAGTAAGCTTCTGCTGTGCCATACCA
 CCAGGCTGCCTGCCTCTAGGAAAACCTGTTCTTTTGATAGAATCTAAAGGGGTACCA
 GTGGGTCCCTTGTAGCAATACAGACTGGATAGTAATGGCCATTAGGGCAGAAAGTAGTCT
 GAGCAGTGGGAGATTTTAGTTAACAGCTATTTCTGCTTCCAACTCTGATAACGGTTGTG
 AAATTACTGACTGACTTCCTTTGGCAGTGGGGCCAAGAAACAATATATGAATGTGATA
 CATGTGTTAGTAAAATCTAGCTTTGAACATGGAAAAA

Restriction Sites: ECoRI-NOT

ACCN: NM_032178

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: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	<u>NM_032178.1, NP_115554.1</u>
RefSeq Size:	1607 bp
RefSeq ORF:	930 bp
Locus ID:	84138
UniProt ID:	<u>Q96CW6</u>
Cytogenetics:	16q22.1
Gene Summary:	Directs RNA polymerase II nuclear import.[UniProtKB/Swiss-Prot Function]