

Product datasheet for **MC216915**

Slc7a15 (NM_001038660) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Slc7a15
Synonyms:	Arpat
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF: >MC216915 representing NM_001038660
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGAGCGAAGTGAGGAGAAAGATGGCAGCAACAAGCCCGGGGCAAGAGCAGGGCAGTGGGACAGCGG
 GGCTGATGCTGAAGAGGGAGATTGGTCTGTGGAGTGCAGTGTCCATGACCGCTGGCTGTATGATTGGTTC
 TGGCATCTTCATGTCACCACAAGGGGTCTTGGTTTACATAGGCAGTCTTGGAGCCAGTCTTATTGTCTGG
 GCAACCTGTGGACTCCTGGCCATGCTGGGTGCCCTGTGCTATGTGAATGGGCAGCCTGGTTCCTGAGT
 CTGGGGGAGATTATGCCTACATTTTGCGAACCTTTGGCTCTCTACCTGCCTTCTGGTCATCTACGTATA
 CGTTCTGGTAGGCAGACGACCGGCATCACTGCGGTTTCGCTGAGTTTCGCTGAGTATGTACTGGCTCCC
 TTTTACCCAGGCTGCTCCTCGCTCCCTCAGGTCAAGATTGTGGCTTCTTCTGCATCCTGCTGC
 TGCTTTTGATCAATTTCTGGAGCTCACGGATGTCCACTGTGCTGATGAACGTGTGCACGACTGCCAAAGT
 GTTCTCGTGCTAGTCATTGTAGTGGTGGGCTGTGGTGTGATGCAGGGCCATGCTTCCACAGAATCC
 CTGCTGTTTGCCTTCCACAACACAACAGCAGGCAGGGCGCATTGGCATGGCTTTCTACCAGGGGCTGT
 GGTCCTTTGATGGCTGGAGTAATATCAACACAGTGATAGAGGAGCTCAAGAATCCAAAGCAGAACCTGCT
 GTGGGCAGTGATGACTGCCGTCCCCCTGGTCACCATCCTGTATGTCTGGTCAATATCAGTTACCTGCTG
 GTTATGTACCCCTCAGAGATCCTCTCCTGTATGCCATAGCTGTGATCTGGGGGACCGAGTTCTGGGGT
 CCTGGGCTGGCTGGTGCCCTTGGCTGTTGCTCTTCAACATTTGGCACTGTCAATGGGGGTTCTTCAG
 CGGCAGCCGCTGTGCTATGCAGCTGCGAGAGAAGGTACATGCCGACGCTTATGTCCATGATTCACGTG
 AATCGACTGACACGACCCAGCCAGATCTTACCACGGCTGTGGCTTTACTGCTGGTCATCCCGGGA
 ACTTCAGCACCTTTGTGAACCTCTTAAGCTTCTGTCTGGCTCACCTATGGAACCTACCTTTGCCTGTCT
 TCTGTATTTGCGAATAAAGACAAAGAATCTCCCCACACTTACAAGGTTCCACCTTCATCCCTGCCATC
 ATGCTCCTGGTGTCTCTACCTGGTGTGGCACCACCATTTGACCCCGCAGATAGAATTCCTATACA
 TCTTCTGTTCGTGCTCAGTGGCTTCCGGTGTACTTCTGCTTTTCCACTTCCAGTGTCAAGTG
 TATACAAACGGCCACTATGCATCTCCAGCTGCTCCTGGAAGTTGCTCAACCACTAAAGATCATTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001038660

Insert Size: 1467 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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001038660.2, NP_001033749.1</u>
RefSeq Size:	2350 bp
RefSeq ORF:	1467 bp
Locus ID:	328059
Cytogenetics:	12 A1.1