

Product datasheet for **MC216359**

Slc7a12 (NM_080852) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc7a12 (NM_080852) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc7a12
Synonyms:	Asc-2; XAT1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216359 representing NM_080852
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAACTCTTGAGAGCACTAGGAGTCTTCCATGTAAGCATGATCTTATTTAGTGCCACCCTGGGGACAG
 GGATTTTTGTGACTCCTAAAGCAGTATTAATACTCCTCACTAAATATCCCTGTCTCCTTAAGTATTTG
 GGCAGGCTGCGGCTGCTGAGCATCATGAGTGCCTCTGTAATGCAGAGATAGCAACCACCTACCCTTTG
 AGTGGAGCATCTTATTATTTCTCAAGAGAAGCTTTGGATCCTCTGTTGCTTTTCTCAGTCTCTGGATTA
 AACTTTTTGCTCACTTTCTAGGCATTGGTCTCAGTGTCTGTAATAGCTACTTCTGTAATCCAGTGTTT
 CTATTCTGGGTGCCAGCTCCAGAGCTACCAACGAAATGTCTGGCTTTGGCTATTTGTGGTCATTTGGA
 ATTGTCAGTGTCTGAGGGATAAAAACAGTGGCTTGGTTTAACTACTGTCAGCAGTTTCATCAAGTTGAGTG
 TCCTTTGTCTCATTCTCAACTGTGCTGTTAGTGAATGGCAAAAAGGAGAATGTGTCCAGGTTTGAGAA
 TGCTTTGGATGCTGAACCTCCTAATGCCTCACAGATCGCAGATGCCATTCTCAAGTGTCTACTCATAT
 CTAGGATCATCAGTCTCATCGTCATAGCAGGAGAAAATAAACGGCCAACGAAACAATCCAAAAACAC
 TAATTTATGGTATATCCATTGTGACTGTGTTATACTTACTGACTAATATATCATACTTGGCAGTTTTGAC
 ATCCCAGGAAATCATCTTTTCAGATTCTGTTGGTGTACATGGATGAACAGAGTCTTTCTTCCATACAA
 TGGATAAGTTTCTTGTGATCTCAGCTTCTACTTGGCTCCGTTTCTTGTGGAATAGTTTCTGCATCAA
 GAGTATTCTACTCTGCAAGTCAAGAGGGAGAATTTCTTCTATCTACTCAATGCTTAATGATCATCACTC
 ACCAGCTGTAGCTGACATCCAGATTGTTATTTTATCTTCTGTTGCAATAATATCTCAAGTATCATCTAT
 TTAGTGAATATGTTAGTCTAGGATCATTTTGTATAAATTTGCTGCAAAATGATCGGGTTGCTTAAGATAA
 GGTACCAGAACCCTGATATACCAAGACCTTATAAGGTGTGGCTGCCATTTATATTTGGACTATAGCTTT
 ATCACTTTTCTCATTTCACACCAGTATTGATCTCCTAGTATAGAGCATGTCTATCAAGTTGTGTTT
 CTTTTTTGTGGGTTTCTGTGTTATTGGCTTCAAGCTAACCTTAATGGACATGCTACTTGTGTTTGACAAA
 TCACTTGCTACTGCCAATTACTTTTCAATATCTCCCCATCTGAAGATCCAGAAGAACAGAAAAAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_080852
- Insert Size:** 1398 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: NM_080852.2, NP_543128.1
RefSeq Size: 1754 bp
RefSeq ORF: 1398 bp
Locus ID: 140918
Cytogenetics: 3 A1