

Product datasheet for **MC206000**

Slc6a2 (NM_009209) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Slc6a2 (NM_009209) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Slc6a2 |
| Synonyms: | NE-T; NET; Slc6a5 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | PCMV6-Kan/Neo (PCMV6KN) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >BC066216
 GCCAAACAACACTGCCCAAAGGCCAGCCTGCAGGCCACCAGTACAATCCTTATCTGAAGCACC AAGT
 TTCCCTGTTGCTGGTGGAGAAAACCTCTACCAAAAACCTCCGAAGTCCCTCTCTCCAGCCGCACCCATGCT
 TCTGGCGGAATGAATCCGCAGGTGCAGCCGAGCTCGGCGGGGGCGGACCCGCTGCCTGAGCAGCCCTG
 AGGCCCTGCAAAACCGCCGATCTACTAGTGGCGAAGGAACGCAACGGAGTCCAGTGCCTCTTGGCGTCCC
 AGGACAGCGACGCTCAGCCCCGGGAGACTTGGGCAAGAAGATTGATTTCTGCTGTCCGTGGTGGGCTT
 CGCTGTGGACCTGGCCAACGTGTGGCGGTTCCCTTATCTCTGCTACAAGAATGGTGGTGGCTTCCTG
 ATTCCATACACGCTGTTCCCTCATATTGCTGGGATGCCTCTGTTTTACATGGAGCTGGCTCTGGGGCAAT
 ACAACCGGGAGGGGCGAGCCACAGTGTGGAAGATCTGCCCTTTCTCAAAGGAGTGGGCTATGCTGTGAT
 CCTCATTGCCCTCTATGTCGGCTTTTACTACAATGCCATCATCGCCTGGTCACTCTACTACCTCTTTGCA
 TCCTTACCTTGAACCTGCCCTGGACCAACTGCGGACACTCCTGGAACAGCCCCAACTGTACGGACCCCA
 AACTCCTCAACGCCTCGGTGCTGGGTGACCATAACAAATACTCCAATAACAAGTTCACACCAGCTGCGGA
 GTTTTATGAACCGGAGTCTGCACTTGCACGAGAGCAGTGGGATCCATGACATCGGCCCTGCCTCAATGG
 CAGCTGCTGCTGTCTGATGGTCGTCATCGTTGTCTTGTATTTACGCCTCTGAAAGGAGTGAAGACAT
 CAGGAAAGGTTGTCTGGATCACAGCCACCTGCCTTACTTTGCTTGTGTTGTCTCCTGGTCCATGGCGT
 CACACTGCCCGGTGCCTCCAATGGCATCAATGCCTACTTGACATTGACTTCTACCGCCTCAAGGAGGCC
 ACGGTATGGATTGATGCTGCAACCCAGATATTTTTTCTCTGGGGCTGGATTTGGAGTCTTGATTGCAT
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 TACCAGTTTTATTTCTGGATTTGCCATCTTCTCCATCCTTGTTATATGGCCATGAACATAAGGTCAAT
 ATTGAGGATGTTGCCACTGAAGGAGCTGGGCTTGTGTTTATCCTGTATCCAGAAGCCATCTACTCTGT
 CAGGATCCACGTTCTGGCCGCTCCTGTTCTTGTGATGCTCCTGGCTCTGGGGCTAGATAGTTCAATGGG
 AGGCATGGAAGCAGTCACTACTGGACTGGCTGATGACTCCAGGTCTGAAGCGACACCGGAAACTCTTC
 ACGTGTGTTGTCAACCATCAGCACCTTCTTCTGGCATTGTTTTGCATAACAAAGGGAGGATTTATGTCC
 TCACTCTGCTGGACACCTTTGCAGCAGGCACCTCCATTCTGTTTGCGGTGCCTTATGGAAGCTATTGGAGT
 TTCTGTTTTATGTTGTGGACAGGTTACGAATAACATCCAGCAGATGATGGGGTTTAAGCCAGGCCTG
 TACTGGAGGCTGTGTTGGAAGTTCGTGAGCCCCGCTTCTCCTGTTTGTGGTGGTGGTCAGCATCATCA
 ACTTCAAGCCGCTTACCTATGATGACTACACCTATCCTCCTGGGCCAACTGGGTGGGTGGGGCATCGC
 CCTCTCATCCATGATCCTGGTCCCTGCCTATGTCATCTACAAGTCCCCAGCATAACGCGCTCCCTGTGG
 GAGAGAGTGGCCTACGGAATCACCCCGGAGAATGAGCACCACCTGGTGGCCAGAGAGACGTGAGACAGT
 TCCAGTTGCGGCACTGGCTGGCTATCTGAACCTGGCAATGTGGAGGAGGAGGAGAACCCATGTGCCAAC
 GTCGGGTCCAGGCACCTCTTTGCCCCATTGGATACCGCCTGGGATTCTCTCCTGGAAGACACC
 TTCCCCGTCGCTCCCGTTTTCTCATTACTAATGATTCCGTGACGCTGGTTTTGTTACACTCTGTTCAT
 CTGGCCTGGAGGCAAGCGAGAGTGGAGAAGTGGTGGAGCCTCAAGGAAGAGGCTGGAAGGAGGAAGTGGGA
 CGTGAATCTGGAACCTCTGGCTTGGAGGCGAGGTTACTGCATTTGGAGCACACCTCAGCTGAGGTCCACA
 GCCCGGGCAGAAACCCCTCCCGGATTTGCTTGTACTTCAGATCATAAACAAAATCTTCCATTACCCAGG
 CTGAGAGGAGATTGGCTTCTGGTTAGATATCAAAAGCCCAAGCAAAGCCTGACAGGGTCTGTGTGGGGG
 CAAGGTGTGACAGGTTACCCCTCTTTCCATTTATCCTGTACCAGCTCCAGCATCTGAGCCTCTGTTTGG
 GAGTGGGGCTTTATTTGCACTGAAAATGCAGCTGGTAGATACTCTGAGTCTGGGGCAGGGCCTTAGGCA
 GAACTTTTACCTAGCTATCTAGTTAATCAAAGGCTGGTTTTGGTATGTTCTAGAATAATTACTCTAACTT
 CTGATGTTTTGGAGAGCCCCAAACCATGATTTTAGGGGAAGAAGCTAGCTGCATACCAGTGAGGGAGTT
 CCCCAAAGTCAGATCCTTTAGAAAGGTGTAACCGCTAGACAAATTGTGCCTGCCAAGGCCACCTGCCAG
 TCTTGTCTGTGACAGATATGGGTAGTTCCCAAGACCTTCTAGGGATTGAGACAGGGTCCCTCTAAAGC
 CAGATATGATGCCCATCACAGGATTTCTGTCCTGGGAGGCCAGGTGGGTGTTGTAGGACAACCTTGATA
 GGCTGCCATGGTTCTTTGGTCTTCCCCTGGGAACCTCAGCAGACAGGGTCTGAGCAGTAGAGTCCA
 TTGGCTCTGAAAATGGCCTGTTTCTTATTTACTTACTTGGCACCTGGAGGGCAGCATGGGGCTTACC
 ACAGCCCAGCCCAGCCCAGCCTCTCAAGTCCAGGGATGGTATTCTGACTGGAGGGGACAGTCAGATGGCT
 TCAGGAAGTTTCTAAGTTTCACATGTGACACAACTTGAACACTGCCCCTCTGGTGGTTAGGTTTGGTT
 CATTGAGGGAAAGATGGTTTGGTAAATGATGGCATCTCCTTGAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_009209

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| Insert Size: | 1854 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: | BC066216 , AAH66216 |
| RefSeq Size: | 3281 bp |
| RefSeq ORF: | 1854 bp |
| Locus ID: | 20538 |
| UniProt ID: | O55192 |
| Cytogenetics: | 8 44.99 cM |
| Gene Summary: | Amine transporter. Terminates the action of noradrenaline by its high affinity sodium-dependent reuptake into presynaptic terminals.[UniProtKB/Swiss-Prot Function] |