

Product datasheet for **MC219134**

Slc15a5 (NM_177787) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc15a5 (NM_177787) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc15a5
Synonyms:	9830102E05Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219134 representing NM_177787
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCATTACAGACTTCATCATAAATGATGAAAAACACCCTTAGTCTTACATGGTGGCCCTGAGCAGT
 GGAAGACAGTGGGCCCTTATGGATGTTTTCGAGTTGGAATCTGCTTGCTTCTGGTGGAGCTGTGTGAGAG
 GTTCACCTTTCTCGAAGTCGTCTGCAACATGATCCCTTTTGCACAGGGAGGCTTGGCTCTACAACCAC
 CAGGCAGCCATGCTCAACTTGGGCTTTATTGGAACCTCAGTCCTTACCCCTGTGTTTCATGGGATGGCTTG
 CGGATGAGTACTTCGGAAGGAACAACTGATGTACATAGCCTTATCTCTACATTTCTAGGCACTGCCTT
 GTTATCCATGCTGGCTTTTCCAGCGGAGAATTTCTACAGAGGCGCTTATCCTGTGTTTAAACAACAGCTCT
 GTGGAGGAACAGGCTGGGTTGTTTCATGTAGCACTGCTGACTCTCTGCCTGGGCACAGGAGGAATAAGGG
 CTGTCGTCTGTCCGCCAGATATGTGTGGCAGTCAGGAACGGGAATCAAAGAAGCCAATGCCATTTGTAA
 CTGGCCCTCCTGGTCCGCAACCTGAATGCAGCTGTTGTCTTTCTGGGAATCTCAAGCATCCAGCCCTTG
 GGGTCCGGGGCCCTTGGCATCCTGCTTCTTCTCTGTCCGTGTTACCCGCTGGTACTCTTTACCTGA
 AGCACTGCGACCTGATCTATCGGCCAGAGAACCCTTGGCTCCCTCCTGACGATCGCCAGGGCGTTTGTAG
 GGCCCTGAAAACAGCTGCCTGCCATACTGCCACTTTGGGCGAGATGGATCGAGTTGGTTAGACCATGCC
 ATGGAAAAACAAGGTGGACACCACAGTGAACCTCAAGAGGAAGACACAAGAAACATCTCTGCCCTTTTGC
 CTCTCTCAGCTTCCAGATCCTGTACAGAACGTGCCTCCTGCAGATTCTTCAGGATATTATCTTCAGAC
 CATGAATCCAACCGAACTGGGGTGGATTTTCTCTGCCGATTGCGCTAATGAACGCCATCAGCCTTCTG
 CCGTTATTAATTTCTCCCTCCCTTATGGATTACTTCAGCAACTGTCTACTTCCCTCTAAGAGAGATGGAC
 CATTCTGTGAGGTCATGATTGCTGGTAACATTTGTGCAGCATCCTCTGTGGCAATGGCTGGCTTCTCT
 AGAAATATACAGAAAACCTTGCCCGGAGCAGTCTCCTTCAGGCAAACTTTCTCTGTTTCCCTCCATGGCC
 TGTGTCTGTCTGGTTCCACAGTATGTGCTGCTTGGAGTATCTGAAGTCTGGTAAACCCTGCTGTCTCCA
 TGGTAACTCACAGAGTCACTCCAGGCGCTTCCATGGCTTTTTTGGACTGTCCCATGGATCTGCCTGTTT
 CGCAGGGGCAATGCTGATTAAGTTGCTTTATCTCATCTCGGAAGGCAATTGGTTTCCAAACATTAGAC
 AAAGGCAATCTAGAGAACTTCTTCTCGTGTGGCATCCTTGATGCTGCTCAACATCCTGGGACTCTGGA
 GGGCTTACGGAGATATTGTAATCTAAATCATTTTAAATGCCAGCGCATCCGTGGAAATCGTTGTGAAGA
 AACTCTTCTCCTCACTGAGAAGTCTCTGAAGTTTTATGGCAGTACACAGGGAGCATCTTCAAGTATTGAT
 CTTTGGGAGACAGCCCT**CTGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_177787

Insert Size: 1701 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_177787.4](#), [NP_808455.2](#)

RefSeq Size: 2461 bp

RefSeq ORF: 1701 bp

Locus ID: 277898

UniProt ID: [Q8CBB2](#)

Cytogenetics: 6 G1

Gene Summary: Proton oligopeptide cotransporter.[UniProtKB/Swiss-Prot Function]