

Product datasheet for **MC220800**

Slc15a1 (NM_053079) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc15a1 (NM_053079) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc15a1
Synonyms:	D630032F02; PECT1; PEPT1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220800 representing NM_053079
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGATGTCCAAGTCTCGGGTTGCTTCGGTTACCCGTTGAGCATCTTCTTCATCGTGGTCAATGAAT
 TCTGTGAAAGATTCTCCTACTATGGCATGCGAGCACTCCTGGTTCTGTACTTCAGGAACTCCTCGGCTG
 GGACGACAATCTCTCCACGGCCATTTACCATACGTTTCGTTGCCCTCTGCTACCTGACTCCAATTCTTGGA
 GCTCTGATCGCAGACTCGTGGCTGGGAAGTTCAGACAATTGTTTCACTATCCATCGTCTACACGATTG
 GACAAGCAGTCATCTCGGTGAGCTCAATTAATGACCTCACAGACCAGACCACAATGGCAGTCTGACAG
 CCTTCCCGTGCACGTAGCACTGTCCATGGTTGGCCTGGCCCTGATAGCCCTTGGTACAGGAGGAATCAAG
 CCCTGTGTGTCTGCGTTTGGTGGCGATCAGTTTGAAGAGGGTCAGGAAAAACAGCGAAACCGGTTCTTTT
 CCATCTTTTATTTGGCTATCAACGGGGGAAGCCTGCTCTCCACGATCATCACTCCCATACTCAGAGTTCA
 ACAGTGCAGGAATCCACAGTCAACAAGCTTGTACCCTGACCTTCGGGGTTCCAGCGGCTCTCATGGCT
 GTTGCCCTAATTGTGTTTGCCTTGGCAGTGGAATGTACAAGAAGTTCAGCCCCAGGGCAACATCATGG
 GCAAAGTGGCCAAGTGCATTGGTTTTGCCATCAAAAACAGGTTTCGGCACCGAAGTAAGGCATATCCCAA
 GAGGGAGCACTGGCTGGACTGGGCTAAAGAGAAAACGACGAGCGGCTCATCTCAGAGTTAAGATGGTC
 ACGAAGGTGATGTTCTGTACATCCCCTCCCATGTTCTGGGCTTGTGTTGACCAGCAGGGTCCAGAT
 GGACACTGCAAGCAACGACCATGAATGGGAAAATTGGAGCAATTGAAATTCAGCCGGACCAGATGCAGAC
 GGTGAATGCCATCTTGATGTGATCATGGTCCCATTGTGGACGCTGTGGTGTACCCGCTCATTGCAAAA
 TGTGGTTTCAACTTCACATCCCTGAAGAAGATGACTGTTGGGATGTTCTGGCGTCCATGGCCTTTGTGG
 TGGCTGCAATTGTGACAGTGGAAATCGATAAACTCTCCAGTCTCCCTGGTGGAAATCAAGTCCAAAT
 TAAGGTCTTGAACATCGGAAACAATAACATGACCGTGCATTTTCTGGAATAGTGTGACGCTTGCCCAA
 ATGCTCTCAGACAGACGTTTCATGACTTTCGATATAGACAAGCTGACAAGCATAAACATATCTTCTCTG
 GATCCCCAGGAGTACCACAGTAGCTCATGATTTTGGAGAGGGTACCCGGCACACCCTTCTAGTGTGGAA
 CCCCAGTCAATACCGTGTGGTAAAAGATGGTCTTAACCAAAAGCCAGAGAAAGGGGAGAACGGAATCAGG
 TTTGTCAACACCCTAACGAGATGGTCACCATCAAAATGAGTGGGAAAGTATATGAAAATGTCACCAGTC
 ACAACGCCAGCGGCTACCAGTCTTCCCTTCTGGCGAAAAGCAGTACACAATAAACACCACGGCGGTGGC
 ACCAACCTGTCTAACTGATTTTAAATCTTCCAACCTTGACTTTGGCAGCGGATACCTACGTGATCCGA
 AGGGCAGTGATGGCTGCCTGGAAGTGAAGGAATTTGAAGACATCCACCCAACACTGTGAACATGGCTC
 TGAGATCCCACAGTACTTCTTCTCACCTGCGCGAGGTGGTCTTCTGTGTACAGGACTGGAGTTCTC
 TTATTCACAGGCTCCGTCTAACATGAAGTCCGTGCTTCAGGCAGGCTGGCTTCTAACTGTGGCGGTCCGC
 AATATCATTGTGCTCATCGTGGCAGGGCGGGCACTTCCCCAACAGTGGGCTGAGTACATTCTGTTTG
 CCTCATTGCTTCTGGTTGTCTGCGTGATATTCCGCATCATGGCTCGATTCTACACCTACATCAACCCAGC
 AGAGATTGAAGCACAGTTTGTGAGGATGAGAAGAAAAGGGCATAGGAAAGGAAAACCCGATTCTTCA
 TTGGAACCACTCTCACAGACAAATAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_053079

Insert Size: 2130 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:	NM_053079.2 , NP_444309.2
RefSeq Size:	3123 bp
RefSeq ORF:	2130 bp
Locus ID:	56643
UniProt ID:	Q9JIP7
Cytogenetics:	14 E5
Gene Summary:	Proton-coupled intake of oligopeptides of 2 to 4 amino acids with a preference for dipeptides. May constitute a major route for the absorption of protein digestion end-products (By similarity).[UniProtKB/Swiss-Prot Function]