

Product datasheet for **SC328945**

SLC15A5 (NM_001170798) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC15A5 (NM_001170798) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC15A5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >SC328945 representing NM_001170798.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGATCGCC
ATGCTGTACAGGCTTTACCATAACTGATGAGAAAGTACACTTATATCACAGCATTGAGAAGGAGAAA
ACTGTAAGACATATTGGCGATTTGTGTTCCCTCACACTCTGTGAAAAAATTCAGGTTGGAATCTGCTTG
CTTCTGGTGGAGCTGTGTGAGAGGTTACAGTTCCTTTGAAGTCGTCTGCAACATGATCCCCTTTGCACT
ATCAAGCTTGGCTATCACAATTGCCAAGCAGCCATCTTAAACTTGTGTTTTATTGGAACCTCAACTCTT
ACCCCTGTGTTTGCAGATGGCTCACTGATGTCTATTTAGGAAGAAAACAACTGGTGACATTTGCTTG
TTTCTACATTTTCTAGGCACTGCTTTGTTATCTGTGGTGGCTTTTCCCTTGAAGATTTCTATCTGGGC
ACTTACCATGCAGTTAACAACATACCAAAAACAGAGCAGCACAGGCTGTTTTATGTAGCACTGCTGACC
ATTTGCCCTGGCATTGGAGGCGTAAGAGCCATCGTCTGCCACTGGTGCTTTTGGCCTTCAGGAGTAT
GGATCACAAAAACGATGCTTTTTTAACTGGTTTTATTGGCTCATGAACCTAAATGCAACTATTGTG
TTTCTGGGAATATCTTACATCCAGCACTCACAGGCTGGGCCCTGTTTTACTTATTCCTTTTATGTCT
ATGCTTATGGCTGTGATAACTCTTCATATGATATACTACAACCTAATTTATCAGTCAGAAAAACGTTGT
TCTCTCCTGACAGGCGTTGGGGTGTGGTTAGTGCACTGAAAACATGCCACCCGCAATACTGCCATCTT
GGCAGAGACGTGACAAGCCAGTTAGACCATGCCAAAGAAAAAATGGTGGCTGCTACAGTGAGCTCCAT
GTAGAAGACACAACATTTTCTCACCTTCTCCCTCTCTTCAATTTTTCAGCTCCTATACAGAATGTGC
ATTATGCAGATTCCTTCAGGATATTATCTGCAACTATGAATCCAACCTGAATTTGGATGGATTCTT
CTGCCGATTGCAGTAATGAATGCCATCAGCAGCCTACCATTACTAATCTGGCTCCTTTTCTGGAGTAT
TTCAGCACCTGCCTGTTCCCTTAAGAGAGTTGGATCATTCTGTCAACATGCATCATTGCTGGAAT
CTTTTGTGCTGATTGCTGTGATGATAGCTGGCTCTTTGAAATACACCGAAAACATTTCCCTGCACTG
GAGCAGCCCTTTCAGGAAAAGTTCTCACTGTTTCCCTCCATGCCCTGTTTCTACCTGATTCTTCAGTAT
GTTTTACTTGGAGTGGCGAAAACACTGGTAAACCCAGCCCTCTCTGTAATATCATACAGATTTGTTCCA
AGCAATGTGAGAGAACCTCCATGAATTTTCTGACACTGTTCAATGGATTTGGCTGTTTTCACAGGGCA
CTGCTGGTGAAGTTGGTATATCTCATCTCAGATGGCAATTGGTTTCCAAACACATTAACAAAGGCAAT
TTAGAAAGCTTCTTCTTCTTCTGTCATTAACATTGTTGAACGTCTGGGATTCTGCAGTGTTCAC
CAAAGATATTGAATCTAAATCATTTTAAATGCCAGAACATCCGTGGAAGTAATCTGAAGAAACACTT
CTCCTCCAGAAAAATCTCTGAAATTTTATGGCAGTATACAGGAATTTTCTTCAAGTATTGATCTTTGG
GAGACAGCCCTATGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001170798
- Insert Size:** 1740 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).
- OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
- 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_001170798.1](#)

RefSeq Size: 2923 bp

RefSeq ORF: 1740 bp

Locus ID: 729025

UniProt ID: [A6NIM6](#)

Cytogenetics: 12p12.3

MW: 65.3 kDa

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