

Product datasheet for **RC208443**

SLC15A2 (NM_021082) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC15A2 (NM_021082) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SLC15A2
Synonyms:	PEPT2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide
Sequence:

>RC208443 representing NM_021082
Red=Cloning site Blue=ORF Green=Tags(s)

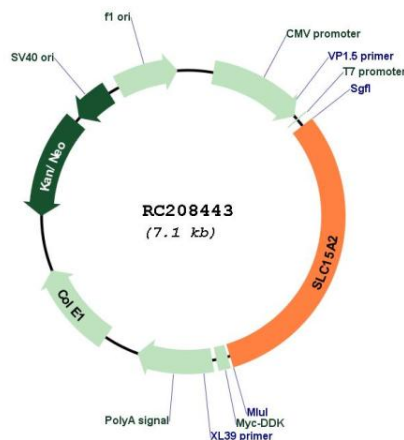
TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAATCCTTTCCAGAAAAATGAGTCCAAGGAACTCTTTTTTACCTGTCTCCATTGAAGAGGTACCAC
CTCGACCACCTAGCCCTCAAAGAAGCCATCTCGACAATCTGTGGCTCCAACCTATCCACTGAGCATTGC
CTTCATTGTGGTGAATGAATTCTGCGAGCGCTTTTCTATTATGGAATGAAAGCTGTGCTGATCCTGTAT
TTCCTGTATTTCTGCACTGGAATGAAGATACCTCCACATCTATATACCATGCCTTCAGCAGCCTCTGTT
ATTTTACTCCCCTCTGGGAGCAGCCATTGCTGACTCGTGGTTGGGAAAAATCAAGACAATCATCTATCT
CTCCTTGGTGTATGTGCTTGGCCATGTGATCAAGTCTTGGTGCCTTACCAATACTGGGAGGACAAGTG
GTACACACAGTCTATCATTGATCGGCCTGAGTCTAATAGCTTTGGGACAGGAGGCATCAAACCTGTG
TGGCAGCTTTTGGTGGAGACCAGTTTGAAGAAAAACATGCAGAGGAACGGACTAGATACTTCTCAGTCTT
CTACCTGTCCATCAATGCAGGGAGCTTGTATTTCTACATTTATCACACCCATGCTGAGAGGAGATGTCAA
TGTTTTGGAGAAGACTGCTATGCATTGGCTTTTGGAGTTCAGGACTGCTCATGGTAATTGCACTTGTG
TGTTTTGCAATGGGAAGCAAAATATAAATAAACACCCCTGAAGGAAACATAGTGGCTCAAGTTTTCAA
ATGTATCTGGTTTCTATTTCCAATCGTTTCAAGAACCCTTCTGGAGACATTCCAAGCGCAGCACTGG
CTAGACTGGGCGGCTGAGAAATATCAAAGCAGCTCATTATGGATGTAAGGCACTGACCAGGGTACTAT
TCCTTTATATCCCATTGCCCATGTTCTGGGCTCTTTGGATCAGCAGGGTTCACGATGGACTTTGCAAGC
CATCAGGATGAATAGGAATTTGGGGTTTTTGTGCTTCAAGCCAGGACAGATGCAGTCTAAATCCCCTT
CTGGTCTTATCTTCAATCCCGTTGTTGACTTTGTCTATTTATCGTCTGGTCTCAAGTGTGAATTAAT
TCTCATCACTTAGGAAAATGGCTGTTGGTATGATCCTAGCATGCCTGGCATTGCACTTGGCAGCTGT
AGAGATAAAAAATAAATGAAATGGCCCCAGCCAGGTCCTCCAGGAGGTTTTCTACAAGTCTTGAAT
CTGGCAGATGATGAGGTGAAGGTGACAGTGGTGGGAAATGAAAAAATTCTCTGTTGATAGAGTCCATCA
AATCCTTTGAGAAAACACCACACTATTCCAACCTGCACCTGAAAACAAAAAGCCAGGATTTTCACTTCCA
CCTGAAATATCACAATTTGTCTCTCTACACTGAGCATTCTGTGCAGGAGAAGAACTGGTACAGTCTTGTC
ATTCGTGAAGATGGGAACAGTATCTCCAGCATGATGGTAAAGGATACAGAAAGCAGAACAACCAATGGGA
TGACAACCGTGAGGTTTGTAACTTTGCATAAAGATGTCAACATCTCCCTGAGTACAGATACCTCTCT
CAATGTTGGTGAAGACTATGGTGTGTCTGCTTATAGAAGTGTGCAAGAGGAGAATACCCTGCAGTGCAC
TGTAGAACAGAAGATAAGAATTTCTCTGAATTTGGGCTTCTAGACTTTGGTGCAGCATATCTGTTTG
TTATTACTAATAACACCAATCAGGGTCTCAGGCCTGGAAGATTGAAGACATTCCAGCCAACAAAATGTC
CATTGCGTGGCAGCTACCACAATATGCCCTGGTTACAGCTGGGGAGGTCATGTTCTCTGTACAGGTCTT
GAGTTTTCTTATTCTCAGGCTCCCTCTAGCATGAAATCTGTGCTCCAGGCAGCTTGGCTATTGACAATTG
CAGTTGGGAATATCATCGTGTGTTGTGGCACAGTTCAGTGGCCTGGTACAGTGGGCCGAATTCATTTT
GTTTTCTGCCTCCTGCTGGTGTCTGCCTGATCTTCCATCATGGGCTACTACTATGTTCTGTAAAG
ACAGAGGATATGCGGGTCCAGCAGATAAGCACATTCCTCACATCCAGGGGAACATGATCAAACCTAGAGA
CCAAGAAGACAAAATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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_021082.4
RefSeq Size:	2846 bp
RefSeq ORF:	2190 bp
Locus ID:	6565
UniProt ID:	Q16348
Cytogenetics:	3q13.33
Domains:	PTR2
Protein Families:	Transmembrane
MW:	81.6 kDa
Gene Summary:	The mammalian kidney expresses a proton-coupled peptide transporter that is responsible for the absorption of small peptides, as well as beta-lactam antibiotics and other peptide-like drugs, from the tubular filtrate. This transporter, SLC15A2, belongs to the same gene family as SLC15A1 (MIM 600544), the proton-coupled peptide transporter found in the small intestine (Liu et al, 1995 [PubMed 7756356]).[supplied by OMIM, Feb 2011]

Product images:



Circular map for RC208443