

Product datasheet for **MR219374**

Slc2a7 (NM_001085529) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc2a7 (NM_001085529) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Slc2a7
Synonyms:	OTTMUSG00000010396
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR219374 representing NM_001085529
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGAGGACAAAGAGATAGGGACACCTCTGCCCTTGCCACACTCGGAAGCGCGTCTGCAGCCACACTAG
 TCCTGACTACCCTAAGTCTGCCTTTGGCTCAGCTTCCAGTATGGCTACAACATCGCCGTGATCAACAC
 ACCTCACAAGGTGGGCACAAGCAACAGATGGGGTCTGTCTTTCAGTCTGAAGTCGTTTTACAATGAC
 ACGCACTTTGAGCGACACGGAACATTATGGATGAGAGTACTCTGCTGCTCCTGTGGTCTTGACCGGTCT
 CCATGTTCCCTCTGGGAGGGTGTGGGGTCTTGGTGGTGGCCTGATGGTCAATAAGTGGGCGAGAAA
 GGGAACTGTTGATCAACAATGTCTTCGCTATAACCTCTGCCGTCTGATGGGAGTCAGCAAGGTGGCC
 CGGGCTTTTGAAGTATCATCTGTCTCGAGTGTGGTGGGAATCTGCGCAGGCATCGCTTACAGTACTC
 TTCCCATGTACCTGGGAGAACTGGCTCCCGAGAACCTTAGGGGTGCATTAGGGACAATGACGGAGGTATT
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 CCAATCCTCTTGGCTCTCACGGGGTCCCTGCAGTGATTAGCTCCTCTCTGCCCCCTCTCCCTGAGA
 GCCCCCGTACACTCTGATTGAGAAAGGAGACGAGGAGACGGCTAGACAAGCTCTAAGGAGGCTGCGAGG
 TCAAACTACAATGTGGAGGCCGAGATGGAAGAAATGCGCACAGAGGAGCGCACCGAGCAAGCCGAGGGT
 CGTCTGTCCGTAACAACCTCTTCACTTTTGGCCCCCTGCGCTGGCAGCTGATCTCTATCGTTGTGCTCA
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 TCGGCCGTTATCATAGAGCGTTTGGGGCGACGGATTCTCTGCTGTCTGGCTATGCCATCTGCTGCTCTG
 CCTGCCTGGTACTGACCGTGGCACTCTCTCCAGAGCACGGCCCTGAGCTGTCTTACCTTAGTATCGT
 CTGTGTGTTCTCCTACATCGTGGGACATTCCATAGGACCCAGTCTGTCCCTCGGTGGTGGGACAGAG
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 CTGTATCCTCACTGCTGCTTATCTACGTGTAATCCCTGAAACCAAGGGCAGGACATTGTAGAGATA
 AACTGTGCTTTTGCAAGAGAAATGGAGTGGAGTTTCCAGAAGAGAAAGAAGTAGCCACGGCCAAGCCTC
 ACACACCGTCTCTGCCTACCAAGGAAACAGCCTTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR219374 representing NM_001085529
 Red=Cloning site Green=Tags(s)

MEDKEIGTPLPLPHSEARLQPTLVLTLSAAFGSVFQYGYNIAVINTPHKVGTSNRWGPVFQVLKSFYND
 THFERHGTFMDESTLLLLWSCTVSMFPLGGLLGLSLVVGLMVNKGWGRKGTLLINNVAITSAVLMGVSKVA
 RAFELIILSRVLVGICAGIAYSTLPMYLGELAPQNLRGALGTMTEVFVIIGVLLAQIFSLQAILGNATGW
 PILLALTGVPAVIQLLSLPFFPESPRYTLIEKGDEETARQALRRLRGQNYNVEAEMEEMRTEERTEQAEG
 RLSVLNLFTRPLRWQLISIVLMAGQQLSGINAVNYADVITYSAGVDPQTQSQYVTLGSGVINLVMTLV
 SAVIIERLGRIRILLSGYAICCSACLVLVALLLQSTAPELSYLSIVCVFSYIVGHSIGSPVPSVVRTE
 IVLQSSRTAAFTVDGAVHWLTFNIVGLTFPSIQVAIGAYSFLVFAGVCILTAAYIYVVIPETKGRTFVEI
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

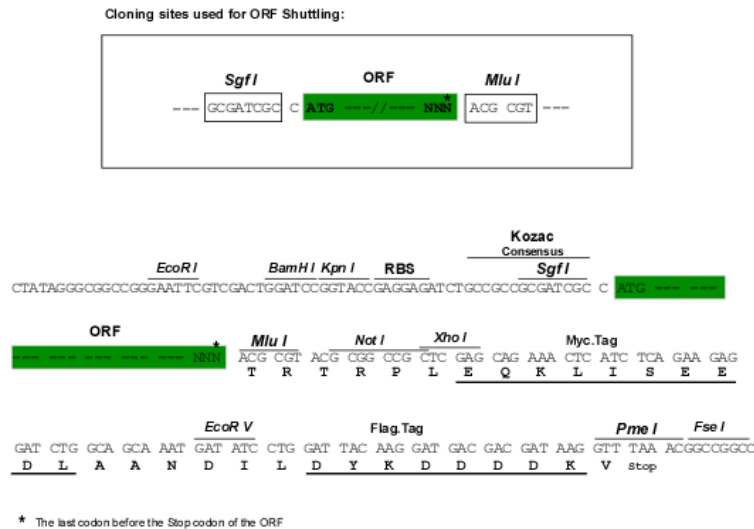
Chromatograms:

https://cdn.origene.com/chromatograms/mm9015_h06.zip

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_001085529

ORF Size: 1575 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001085529.2](#)

RefSeq Size: 1578 bp

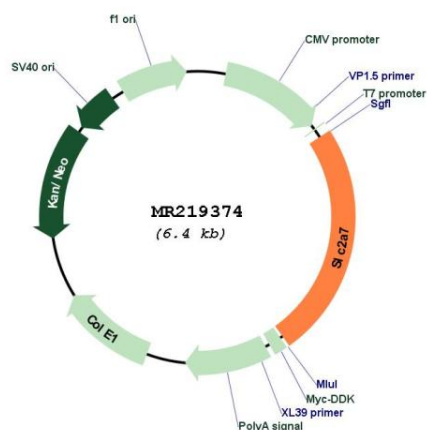
RefSeq ORF: 1578 bp

Locus ID: 435818

Cytogenetics: 4

MW: 57.6 kDa

Product images:



Circular map for MR219374