

Product datasheet for **MR204740**

Slc35a4 (NM_001083317) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc35a4 (NM_001083317) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Slc35a4
Synonyms:	2610030J16Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR204740 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCTGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGTGTAGAAGATGGGGCGTGCCAGGCCTAGCCCGCCAAGACAGGCTCGCTGGACCCTGTTGCTCT
 TCCTGTCCACTGCCATGTATGGTGCCCATGCACCGTTCTTAGCACTGTGCCATGTGGATGGCCGAGTGCC
 CTTCCGGCCCTCCTCAGCTGTGTTACTCACTGAGCTGACCAAGCTCCTGTTGTGCGCCTTCTCCCTCCTG
 GTAGGCTGGCAACATGGCCCCAGGGCAGCCACCCTGGCGCCAGGCTGTGCCTTTTGCAGTGTGAGCCC
 TGCTCTATGGCGCAACAACAACCTGGTGATTTATCTGCAGCGCTACATGGACCCAGCACCTATCAGGT
 GCTGAGCAATCTCAAGATTGGAAGCACAGCTCTATTGTACTGCCTCTGCCTTGGGCATCGTCTCTGCG
 CGTCAGGGCTTGGCGCTGCTGCTGCTGATGGCTGCAGGAGCCTGCTATGCATCAGGTGGCTTTCAGGAAC
 CTGTGAACACCCTTCTGGGCCACCCGCGTCAGCAGCTGGAGCCCATCCCATGCCCTTGCAATCACTCC
 ACTGGGACTTCTGCTCCTCATCTATACTGCCTCATCTCCGGCTTGCTCCTCCGTGTACACAGAGCTGATC
 ATGAAGCGACAGCGGTTGCCCTTGGCTCTTCAGAACCTCTTCTCTACACTTTTGGGGTGATCCTGAACC
 TTGGACTGTATGCTGGCAGTGGCCAGGCCCGGGCTTCTGGAGGGCTTCTCTGGATGGGCAGTGCTTGT
 GGTGCTGAACCAAGCAGTCAATGGGCTGCTCATGTCGGCTGTATGAAGCATGGCAGCAGCATCACACGC
 CTCTTCATCGTGTCTGCTCGCTCGTGGTCAACGCTGTGCTGTGCGCGGTGCTGCTCCAGCTGCAGCTCA
 CGGCCATCTTCTCTGGCCGCACTGCTCATCGGTCTGGCTGTGTGCTTGTACTATGGTAGCCCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence: >MR204740 protein sequence
 Red=Cloning site Green=Tags(s)

MSVEDGGVPGLARPRQARWTLTLLFLSTAMYGAHAPFLALCHVDGRVPFRPSSAVLLTELTKLLLCAFSLL
 VGWQTWPQGTTPWRQAVPFALSALLYGANNLVIYLQRYMDPSTYQVLSNLKIGSTALLYCLCLGHRLSA
 RQGLALLLLMAAGACYASGGFQEPVNTLPGPASAAGAHPMPLHITPLGLLLLILYCLISGLSSVYTELI
 MKRQRLPLALQNLFLYTFGVILNLGLYAGSGPGPGFLEGFSGWAVLVVLNQAVNGLLMSAVMKHGSSITR
 LFIVSCSLVNAVLSAVLLQLQLTAIFFLAALLIGLAVCLYYGSP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001083317

ORF Size: 975 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_001083317.1, NP_001076786.1

RefSeq Size: 2753 bp

RefSeq ORF: 975 bp

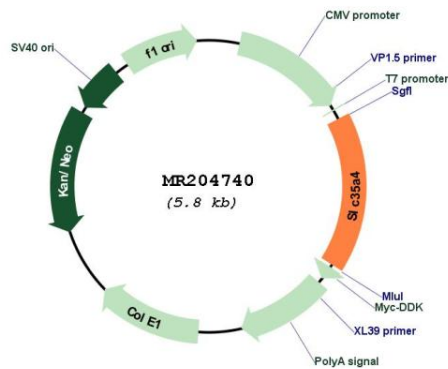
Locus ID: 67843

UniProt ID: Q9D321

Cytogenetics: 18 B2

MW: 34.8 kDa

Product images:



Circular map for MR204740