

Product datasheet for **MG204740**

Slc35a4 (BC006050) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc35a4 (BC006050) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Slc35a4
Synonyms:	2610030J16Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG204740 representing BC006050 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGTGTAGAAGATGGGGCGTGCCAGGCCTAGCCCGCCAAGACAGGCTCGCTGGACCCTGTTGCTCT
TCCTGTCCACTGCCATGTATGGTGCCCATGCACCGTTCTTAGCACTGTGCCATGTGGATGGCCGAGTGCC
CTTCCGGCCCTCCTCAGCTGTGTTACTCACTGAGCTGACCAAGCTCCTGTTGTGCGCCTTCTCCCTCCTG
GTAGGCTGGCAAACATGGCCCCAGGGCAGCCACCCTGGCGCCAGGCTGTGCCTTTTGCAGTGCAGCCC
TGCTCTATGGCGCAACAACAACCTGGTGATTTATCTGCAGCGCTACATGGACCCAGCACCTATCAGGT
GCTGAGCAATCTCAAGATTGGAAGCACAGCTCTATTGTAAGTGCCTCTGCCTTGGGCATCGTCTCTGCG
CGTCAGGGCTTGGCGCTGCTGCTGATGGCTGCAGGAGCCTGCTATGCATCAGGTGGCTTTCAGGAAC
CTGTGAACACCCTTCTGGGCCACCCGCGTCAGCAGCTGGAGCCCATCCCATGCCCTTGCATATCACTCC
ACTGGGACTTCTGCTCCTCATCTATACTGCCTCATCTCCGGCTTGTCTCCGTGTACACAGAGCTGATC
ATGAAGCGACAGCGGTTGCCCTTGGCTCTTCAAGACCTTCTCTACACTTTTGGGGTGATCCTGAACC
TTGGACTGTATGCTGGCAGTGGCCAGGCCCGGGCTTCTGGAGGGCTTCTCTGGATGGGCAGTGCCTGT
GGTGTGAACCAAGCAGTCAATGGGCTGCTCATGTGCGCTGTATGAAGCATGGCAGCAGCATCACAGC
CTCTTCATCGTGTCTGCTCGCTCGTGGTCAACGCTGTGCTGTGCGCGGTGCTGCTCCAGCTGCAGCTCA
CGCCATCTTCTCTGGCCGCACTGCTCATCGGTCTGGCTGTGTGCTTGTACTATGGTAGCCCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG204740 representing BC006050
Red=Cloning site Green=Tags(s)

MSVEDGGVPLARPRQARWTL LFLSTAMYGAHAPFLALCHVDGRVPPRPSSAVLLTELTKLLLCAFSLL
 VGWQTPWPGTPPWQAVPFALSALLYGANNLVIYLQRYMDPSTYQVLSNLKIGSTALLYCLCLGHRLSA
 RQGLALLLLMAAGACYASGGFQEPVNTLPGPASAAAGHPMPLHITPLGLLLLILYCLISGLSSVYTELI
 MKRQRLPLALQNLFLYTFGVILNLGLYAGSGPGPGFLEGFSGWAVLVVLNQAVNGLLMSAVMKHGSSITR
 LFIVSCLVYVNAVLSAVLLQLQLTAIFFLAALLIGLAVCLYYGSP

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC006050

ORF Size: 977 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.

RefSeq: [BC006050](#), [AAH06050](#)

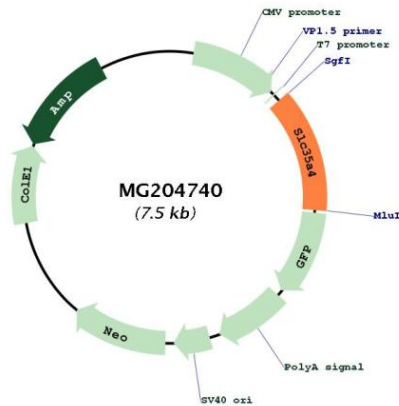
RefSeq Size: 2539 bp

RefSeq ORF: 977 bp

Locus ID: 67843

Cytogenetics: 18 B2

Product images:



Circular map for MG204740