

Product datasheet for **MG205317**

Slc35e4 (NM_153142) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc35e4 (NM_153142) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Slc35e4
Synonyms:	A330108F03Rik; AI414849; AI536442
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205317 representing NM_153142 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTGCCGCTGCCACTGGAGCACCATGAAGGCATGATGACCTCAGCCGAAGCAGTTGCTGTGGCTGGAA
 GTGCCAGGAGCATGGCCGCCCAAGTGGCCTCCGGACAAACCCAGGTCCTTGGGCAGCCTGCTCCGGC
 GAGAGTGGTTGTGGCAGCACTGGTGTGGCTGTTGGCGGGAGCCAGCATGTCAAGCCTCAACAAGTGGATC
 TTCACAGTGCATGGCTTCGGACGGCCCTGCTGCTTTCAGCACTGCACATGCTGGCAGCCGCCCTGGCAT
 GCCACTGGGGGGCCAGCGCCCGTGCCGCACAGCATCCACCGTCGAGTGTGCTGCTCAGCCTCACCTT
 CGGTACCTCCATGGCGTGCGGCAACGTGGGCCTGAGCACTGTCCCCTTGGACCTAGCACAGCTGGCCACC
 ACCACCACACCACTGTTCAATGGCCTTGCTGCGTTGCTGCTTGGCCGAAGACACCATCCTCTGCAGT
 TTGCTGCCATGGGCCCGCTCTGCTAGGGGCTGCATGTAGTCTGGCTGGAGAGCTCCGGGCACCTCCAGC
 TGGTTGCGGCTTCTTGCTGGTGGCCACCTGTCTGCGAGGCTTCAAGTCTGTTCAACAAAGTCTCTGCTG
 CAAGAAGAGAGGCTGGACACGGTGACCTGTGTATGCCACTTCTTGGCCAGTTTCTGCCTGCTGGCCA
 GTGCAGCACTGGTGTGGAGGCTGGCACAGCCCCACCGCTGCCTCCCACTGACTCTCGCCTCTGGGCCTG
 TGTCTGCTGAGTGCTTCTTGTCCGTGGTCTACAACCTGGCCAGCTTCTCCTTGCTGGCCCTCATATCT
 GCCCTCACTGTCCAGTACTGGGCAACCTCATGGTCGTGGGCAACCTCATCCTGTCCCGGCTCCTGTTTG
 GCAGCCACCTCAGCGCGCTCAGCTACCTGGGCATCACCTCACCTTTTCAGGAATGTTTCTTTATCACAA
 CTGTGAGTTGGTGGCCTCCTGGGCTACCCGATGGGGTTGTGGAACAGGGACCAGCCTGGCAAAGTCTT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA


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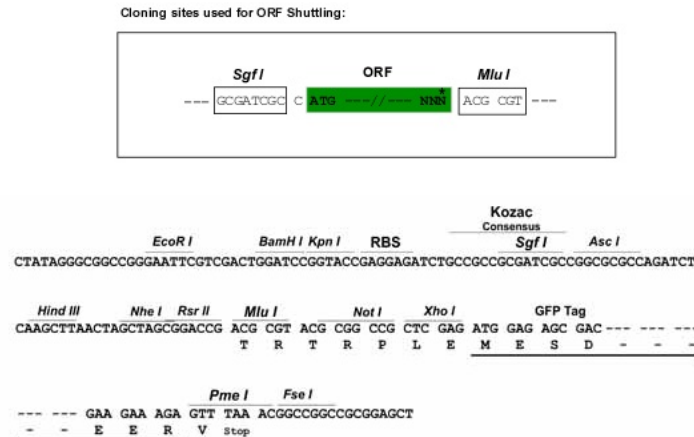
Protein Sequence: >MG205317 representing NM_153142
 Red=Cloning site Green=Tags(s)

MCRCPLEHHEGMMTSAEAVAVAGSAQEHGRPKWPPDKPQVLGQPAPARVVVAALVWLLAGASMSSLNKKWI
 FTVHGFGRPLLLSALHMLAAALACHWGAQRPVPHSIHRRVLLLSLTFGTSMACGNVGLSTVPLDLAQLAT
 TTTPLFTMALSALLLGRHHPLQFAAMGPLCLGAACSLAGELRAPPAGCGFLLVATCLRGFKSVQQSALL
 QEERLDTVTLTYATSLPSFCLLASAALVLEAGTAPLPPTDSRLWACVLLSCFLSVVYNLASFSLLALTS
 ALTVHVLGNLMVVGNLILSRLLFGSHLSALSYLGITLTLSGMFLYHNCELVASWATRWGLWNRDQPGKGL

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_153142

ORF Size: 1050 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_153142.3](#)

RefSeq Size: 3060 bp

RefSeq ORF: 1053 bp

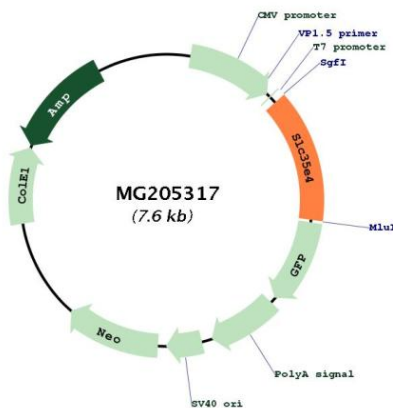
Locus ID: 103710

UniProt ID: [Q8K3D6](#)

Cytogenetics: 11 A1

Gene Summary: Putative transporter.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG205317