

Product datasheet for **MG226757**

Slc15a2 (NM_001145899) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Slc15a2 (NM_001145899) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Slc15a2
Synonyms: 8430408C16Rik; C78862; Pept2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG226757 representing NM_001145899
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTTGAGGAGAGAGAGAGTAAGGAGCCAGCCATGAATCCTTTCCAGAAAAATGAGTCCAAGGAAACGC
 TCTTTTCACCTGTCTCTACTGAAGAGATGCTGCCTGGACCTCCAAGCCCTCAAAGAAGTCAACTCCGAA
 GCTCTTCGGCTCTAGCTACCCACTCAGCATCGCCTTCATTGTGGTGAACGAATTCTGCGAGCGATTTTCC
 TATTATGGCATGAAAGCTGTGTTGACCTTGTATTTCTGTACTTCTGCACTGGAATGAAGACACGTC
 CATCTGTCTACCATGCCCTCAGCAGCCTCTGCTATTTACCCCATCTTGGGAGCAGCGATTGCTGACTC
 CTGGCTGGGAAAATCAAGACAATCATCTATCTGTCCCTGGTGTATGTTCTTGGCCATGTATTCAAGTCT
 TTGGGTGCCATACCAATACTGGGAGGAAAAATGTACATAACAATCTTATCATTGGTTGGCCCTGAGTCTCA
 TAGCTCTGGGAACAGGAGGTATCAAACCCTGTGTGGCAGCTTTTGGCGGAGACCAGTTTGAAGAGGAACA
 TGCAGAGGCACGGACTAGATACTTCTCGGTCTTCTACCTCTCCATCAATGCAGGGAGCTTGATTTCTATG
 TTCATCACACCCATGCTAAGAGGGGATGTGAAGTGTGTTGGCGAAGACTGCTATGCATTGGCTTTTGGGA
 TTCCAGGATTGCTCATGGTGTGGCACTTGGTGTGGTGGAGTGGAAAAGGATGTGAACAGCCGTTGATCCC
 TGCCACA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG226757 representing NM_001145899
Red=Cloning site Green=Tags(s)

MLEERESKEPAMNPFQKNESKETLFSVPVTEMLPGPPSPPKSTPKLFGSSYPLSIAFIVVNEFCERFS
 YYGMKAVLTLFYFLHWNEDTSTSVYHAFSSLCYFTPILGAAIADSWLGKFKTIIYLSLVVVLGHVFKS
 LGAIPIILGGKMLHTILSLVGLSLIALGTGGIKPCVAAFGGDQFEEEHAEARTRYFSVFYLSINAGSLISM
 FITPMLRGDVKCFGEDCYALAFGIPGLLMVLALGEWSGKGCEQLIPAT

TRTRPLE - GFP Tag - V

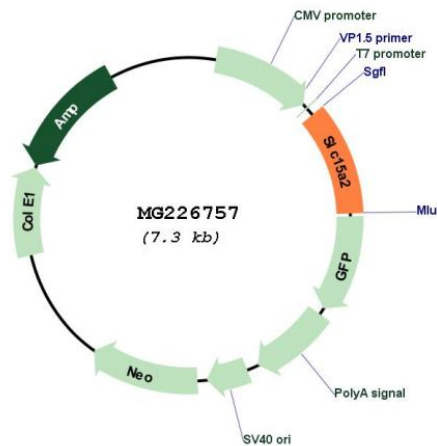
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM_001145899

ORF Size: 777 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:	<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_001145899.1 , NP_001139371.1
RefSeq Size:	1105 bp
RefSeq ORF:	780 bp
Locus ID:	57738
Cytogenetics:	16 B3