

Product datasheet for **RG206191**

SLC35F1 (NM_001029858) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC35F1 (NM_001029858) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SLC35F1
Synonyms:	C6orf169; dj230l3.1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG206191 representing NM_001029858 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATCCCCCTGAGCAGCCGAGCAGCAGCTGCAGCCGCGTCGCCAGCCCCGCCGAACCATGTGGTGA
CCACCATCGAGAACCTGCCGGCCGAGGGCAGCGCGCGCGGGAGCCTGTCCGCCTCTCCCGGGCTGG
CGTGCGCCAGAGGATCCGCAAAGTGCTGAACAGGGAGATGTTAATCTCTGTGGCCCTAGGCCAGGTGTTA
TCCCTCCTTATTGTGGAATTGGCTTGACTAGCAAGTATCTGTCAGAAGATTTCCACGCCAACACACCAG
TCTTCCAGAGTTTCTCAATTACATTCTTCTTCTTGGTCTATACCACCACACTAGCCGTCAGACAAGG
AGAAGAAAACCTCCTGGCAATTTACGACGAAGATGGTGGAAATACATGATTTTGGGACTCATAGACCTG
GAAGCAAATTATCTGGTGGTCAAGGCTTACCAATACACAAATCTGACCAGTATCCAGCTCCTGGACTGTT
TTGTGATCCCAGTCGTGATTTTGTCTCTCTGTTCTTCTGCTGATCCGGTACAAGGCTGTGCATTTTCAT
CGGCATCGTTGTCTGCATCCTGGGAATGGGCTGCATGGTGGGAGCAGATGTGCTTGTGGGAAGACATCAG
GGAGCAGGGGAAAATAAGCTGGTAGGGGACCTTCTGGTCTTAGGAGGAGCCACACTCTATGGTATTTCTA
ACGTCTGGGAAGAATACATCATCCGAACCTCTGAGCCGAGTGAATTCCTGGGAATGATTGGTCTCTTTGG
AGCATTTTTAGTGAATTCAATTAGCTATAATGGAGCATAAGGAACCTGTTGAAGGTGCCCTGGGACTGG
CAATAGGACTGCTCTACGTTGGCTTTAGTGCTGCATGTTTGGTCTCTACAGCTTTATGCAAGTCGTCA
TAAAGAAAACCAAGTGCCACTTCAGTCAACCTCTCCTTGCTCACAGCAGACTTGTACAGCCTGTTCTGTGG
ATTGTTTCTCTTCCACTACAAGTTTTCAGGACTTTATCTCCTGTCTTCTTCCACCATCCTATTGGGCTG
GTGCTCTACTCTCCACCTCCACCTACATAGCCAGGACCCCGAGTGTATAAGCAGTTCGCAATCCTT
CAGGACCTGTTGTGGACTTACCGACCACAGCTCAGGTGGAACCTCAGTCACCTACACGCTGGGCCA
GGAGACCGAAGAGGAGCCTCATGTTCTGTGTGGCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >RG206191 representing NM_001029858
 Red=Cloning site Green=Tags(s)

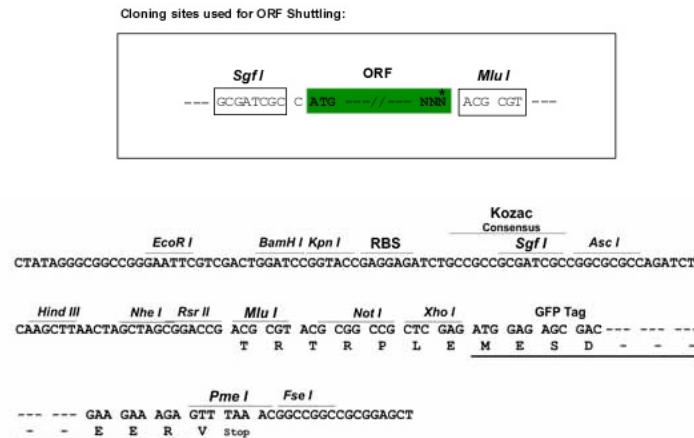
MIPPEQPQQQLQPPSPAPPNHVVTIENLPAEGSGGGGSLASSRAGVRQRIRKVLNREMLISVALGQVL
 SLLICGIGLTSKYLSEDFHANTPVFQSFLLNYILLFLVYTTTLAVRQGEENLLAILRRRWWKYMILGLIDL
 EANYLVVKAYQYTNLTSIQLLDCFVIPVVILLSWFFLLIRYKAVHFIGIVVCILGMGCMVGADVLVGRHQ
 GAGENKLVGDLLVLGGATLYGISNVWEEYIIRTLRVEFLGMIGLFGAFFSGIQLAIMEHKELLKVPWDW
 QIGLLYVGFSAACMFGLYSFMQVVIKTSATSVNLSLLTADLYSLFCGLFLFHYKFSGLYLLSFFFTILIGL
 VLYSSTSTYIAQDPRVYKQFRNPSGPVVDLPTTAQVEPSVTYTSLGQETEEEPHVRVA

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001029858

ORF Size: 1224 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_001029858.2](#)

RefSeq Size: 4860 bp

RefSeq ORF: 1227 bp

Locus ID: 222553

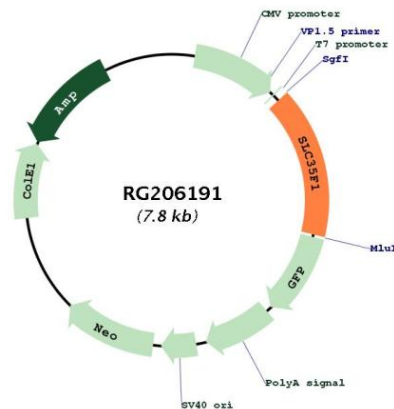
UniProt ID: [Q5T1Q4](#)

Cytogenetics: 6q22.2-q22.31

Protein Families: Transmembrane

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

Product images:



Circular map for RG206191