

Product datasheet for **MG206080**

Slc35a2 (BC037701) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc35a2 (BC037701) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Slc35a2
Synonyms:	Sfc8, UGT
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG206080 representing BC037701 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAGCGGTTGGGTTGGTGGATCTACCGCTGCGGCCGGGGCTGGGGCTGTGCTCCTCGGGCGGTTGG
AACCTGGGTCCACTACAGCGGCTCACGGCGCCTCAAGTATATATCCTTAGCTGTGCTGGTGGTCCAGAA
TGCTCCCTCATCCTCAGCATCCGCTACGCTCGCACACTGCCTGGGACCCTTCTTTGCCACCACTGCT
GTGGTCATGGCTGAAGTGCTCAAAGTCTCACCTGTCTCCTGCTGCTCTCGCACAAAAGAGGGTAAATG
TGAAGCACCTGGTCTCTCCTCCATGAGGCTGTCTGGTCCAATATGTGGACACACTCAAGCTTGGCGT
GCCTCTCTCATCTATACCTTGCAGAATAACCTCCAGTATGTTGCCATCAGCAACCTGCCAGCTGCCACT
TTCCAGGTGACATATCAGCTGAAGATCCTGACTACAGCGCTCTTCTCTGTGCTCATGTTGAATCGCAGCC
TCTCACGCCTGCAGTGGCCCTCTCTGCTGCTGCTTCTCACTGGTGTGCGCCATTGTCCAGGCACAGCAAGC
TGGTGGGAGTGGCCACGGCCACTGGATCAGAACCAGGGGGCGGGCTTAGCGGCAGTTGTGGCCCTCTGT
CTCTCCTCAGGCTTCGCTGGGTCTACTTTGAGAAGATCCTCAAAGGCAGCTCAGGTTCTGTGTGGCTTC
GTAACCTACAGCTCGGCCTCTTTGGCACAGCGCTGGCCCTGGTGGGGCTCTGGTGGGCTGAGGGCACCGC
CGTGGCCAGTCAAGGCTCTCTTTGGTACACACCTGCTGTCTGGGGTGTAGTACTAAACCAAGCCTTT
GGTGGGCTCTGGTGGCTGTTGTGTCAAGTATGCTGACAACATCCTCAAGGGCTTGGCCACCTCCCTGT
CTATTGTGCTGTCCACTGTTGCCTCCATTGCGCTCTTTGGCTTCCACTGGACCCATTATTGGCCCTGGG
CGCTGGGCTCGTATTGTGCTGTCTACCTCTACAGCCTTCCCCGAGGTGCAAGTCAAAGCCATAGCCTCG
GCCTCGGCCTCTGGGCCCTGCATTCACCAGCAGCCTCTGGGCAGCCACCACCACCGCAGCTGTCTTCTC
GAGGAGACCTCACCGGAGCCCTTTCTGCCAAAGTCAGTGTGGTCAAG

ACCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG206080 representing BC037701
 Red=Cloning site Green=Tags(s)

MAAVGVGGSTAAAGAGAVSSGALEPGSTTAAHRRLLKYISLAVLVVQNASLILSIRYARTLPGRFFATTA
 VVMAEVLKGLTCLLLFAQKRGVNVKHLVFLHEAVLVQYVDTLKLAVPSLIYTLQNNLQYVAISNLPAAAT
 FQVTYQLKILTALFVSLMLNRSLSRLQWASLLLLFTGVAIVQAQQAGGSGRPLDQNPAGLAADVASC
 LSSGFAGVYFEKILKSSGVSWLRNLQLGLFGTALGLVGLWVAEGTAVASQGFFFGYTPAVWGVVNLQAF
 GLLLVAVVVKYADNILKGFATLSIVLSTVASIRLFGFHLDPFLFALGAGLVIGAVYLYSLPRGAVKAIAS
 ASASGPCIHQQPPGQPPPPQLSSRGDLTTEPFLPKSVLVK

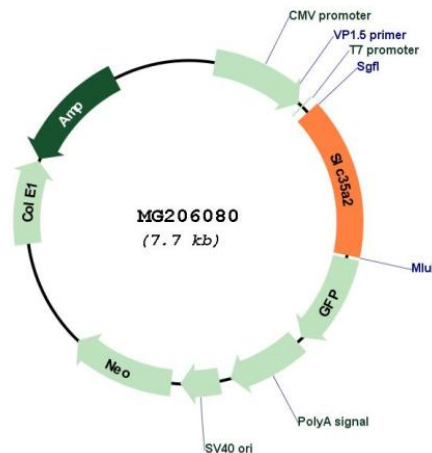
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: BC037701

ORF Size:	1172 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:	BC037701 , AAH37701
RefSeq Size:	2360 bp
RefSeq ORF:	1172 bp
Locus ID:	22232
Cytogenetics:	X 3.56 cM
Gene Summary:	Transports nucleotide sugars from the cytosol into Golgi vesicles where glycosyltransferases function.[UniProtKB/Swiss-Prot Function]