

Product datasheet for **MG208754**

Slc22a13 (BC021449) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc22a13 (BC021449) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Slc22a13
Synonyms:	OCTL1, OCTL3, ORCTL3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG208754 representing BC021449
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTCAATTTGCACAGGTCATGGCTGAAGTGGGCGACTTTGGTCGCTTTCAGGTGCGGTTGACCATCC
 TGATGGGCATTCCCAATTTCTGGCTGCATTCTTCATATTTGGCCAAGTCTTCATGGTCCTTGATGAGGC
 TCACTACTGTTCAAGTGTCTGGGTTAAGAACCACACTTTCAACCTAAGTGCCGCTGAGCAGCTGGCTATA
 AGCATCCCCAACGACACGACGGGAGACCCGAGTCTGCCTCATGTTCCGGCCACCTCCTGACAGTGCCA
 GCCTGGAAGACATCCTGAGCCACCGCTTCAATGAGACACAGGCTGTGACTCAGGCTGGGACTATCTGA
 GAACCGGCTCAGTCCCTAAAGAAAGAGTTTGACCTGGTGTGTATCGAAAGAACCTGAAGAAGACCTCC
 CAGTCGGTGTTCATGGCTGGTCTCCTTGTGGGCGCTGGTCTTTGGGCTGTCTGTGACTGGATTGGCC
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 CTTTGAGCTCTACTTGGCCCTACGCTTTGTCTGGCTACTGCCAACGCTGGATTTTACTAAGTACCAAT
 GTCCTGATTTTCAGAGTGGGTGGGCGCATCTTGGAGAACAAGCCGTGGTCTTGGCCAGAGCAACGTTG
 CCCTTGGGCGAGTGGTGTAGCAGGACTGGCCTATGGTGTCCGAACTGGAGACTCCTTCAGATAACAGG
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 CCCTCACCTCAGGAAGGTGACTCTGATTCTCATAGCTGTCTGGTTTGTGGACAGTCTGGTGTACTACAGC
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 ACCCTTGTGATGCTGCTGGAACAGTACCACAGGCGATTCCCATGGTCATCTTTGGCAGCCTCCCCATT
 GGAGCAGGCTACTGTGCGCTCTGCTTCTGAGACCCGGGGCCAGATCCTGAAGGACACCTCCAGGACC
 TGGAGCAGGGGCTCCCTGCAGGGTCCCAAAAACAGCACCCCAAGACAAGACATGGAGGCTTCGGGAAG
 AACTTCAGTGTGAGGTGGCTGTTGTGAAGAGCTCGTACTTC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

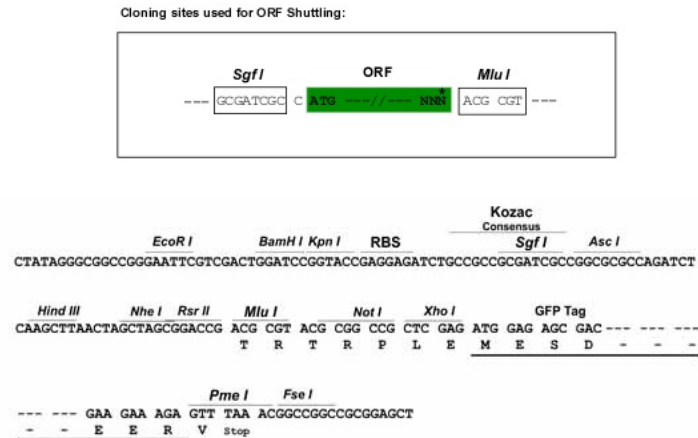
>MG208754 representing BC021449
 Red=Cloning site Green=Tags(s)

MAQFAQVMAEVGDFGRFQVRLTILMGIPNFLAAFFIFGQVFMVLDEAHHCSSVSWKNHTFNL SAAEQLA I
 SIPNDTTGRPESCLMFRPPPDASLEDILSHRFNETQACDSGWDYPENRPQSLKKEFDLVCDRKNLKKTS
 QSVFMAGLLVGALVFGPVCWDWIGRRPSLLMQVLLSGITSMATAFVSSFELYLALRFVLATANAGFLLSTN
 VLISEWVGPSWRTQAVVLAQSNVALGQMVLAGLAYGVRNWRLQITGTAPVLLFFYFWLPESPRWLLS
 QGRTEEAKQLVQKAALVNGRPLSPELLNQLVPEKTGPSGNALDLFRHPLRKYTLILIAVWFVDSL VYYS
 LSFQVGFGLDIYVTLIFGAVEMPGRFSLVLMMEKLGRKWSQLCTLTLAGIMYIIIFIPGDLPTVVTV
 LAVVGKFASAAFTISYVYTAELFPTIIRQTGMGLVSIFSRVGGIITPLVMLLEQYHQAIPMVI FGS LPI
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TRTRPLE – GFP Tag – V

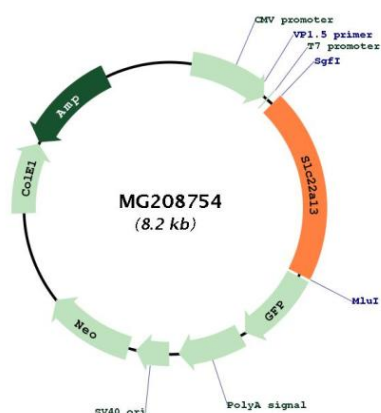
Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN:	BC021449
ORF Size:	1655 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:	BC021449 , AAH21449
RefSeq Size:	2016 bp
RefSeq ORF:	1655 bp
Locus ID:	102570
Cytogenetics:	9 F3

Product images:



Circular map for MG208754