

Product datasheet for **MG209140**

Ttc13 (BC079851) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ttc13 (BC079851) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ttc13
Synonyms:	BC017545
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG209140 representing BC079851
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGCTCCAGGAGGAGCCTGATCTGGTTAGTGCAATTTATGGCCGAGGGATAGCCTATGGAAGAAGGGAC
 TACATGAAGCCATCGAGGCCTTCAAAGAAGCTCTGAAACAGAAAGTTGACTTTATCGATGCATATAAAAG
 TCTGGGACAGGCCTACAGAGAACTGGGCAACTTTGACGCAGCCACCGAGAGCTTCCAGAAGGCCCTGCTG
 CTCAACCAGAACCACGTGCAGACCCTGCAGCTGCGGGGAATGATGCTCTACCACCACGGAAGCCTGCAGG
 AGGCCCTGAAGAAGCTTCAAGCGCTGCCTGCAACTGGAACCGTACAACGAAGTGCCAGTACATGAAGGG
 GCTGAGCCATGTGGCCATGGGGCAGTTTACGAAGGGATTAAAGCACAAACAAAGTTATGCTGAATGAC
 CCTCTCCAGGCCAGAAGGCCAGCCAGAGTACCTGAGGGTCAAGTACCTACGAGAGTATTCTCGATATC
 TGCACGCACACCTCGATACCCCTCTGACGGAATATAACATTGACTCGGATCTACCGGGCAGCTTCAAGGA
 CCACTGGGCCAAGAACCTGCCTTTCCTCATAGACGGCTATGAAGAGCAGCCGGCCTGCAGCCTCACATT
 AGAGATGTGTTACATCAGAATTTGAGGGCTACAAGCCTGAAGTCCAGGAGCTGATCTGTGTAGCTGACC
 GCCTGGGCTCGTGATGCAGTATGAAACACCGGGTTCCTGCCCAACAAGAGGATACACAGAGCCATGGG
 CCTGGCAGCACTGGAAGTCATGCAGGCCGTACATCGTACCTGGACCAACTCAAAGTTTCGCATGAATGGA
 AAAACAAGGCTGCTGCAGTGGAGGGACATGTTTCGACATTGCTGTGAAGTGGAGAAGGATCGCTGATCCGG
 ACCAGCCTGTCTGTGGCTGGATCAGATGCCAGCTCCAAGTCTCAGCAGAGGGTTCAATAACCACATCAA
 CTTAATCAGGGGTCAAGTGATCAATATGAGATATCTGGAATATTTTGAGAAAATACTTCATTTTATTA
 GATAGAATTCTTGTATCACGGAGCAAATAATCCAAGGGCTTATTGGAAGTCAGAGAAGCTCTGGA
 AGGTACACAAAGTGGAAGACCTCCTTCCAATTATGAAGCAGTTTAAATACAAAACAAAGGACGGGTTTAC
 CGTGAACACCAAAGTCCCGAGCCTCAAAGATCAAGGGAAGGAATATGACGGCTTACCATCACCATCACA
 GGAGACAAGTTCGCAATATCCTATTTTCTGTGGAAGTCAAACACAGAAGAGAGGACACAGCTGTATC
 ACGCTGAAATAGATGCACTTTATAAAGACCTGACAGCGAAGGGCAAAGTACTGACCTCTCGGCAGAATT
 CGGGGAGGCTGATGCTGTCTGCAACTTAATCTTATCCTTAGTGTATTACTTTTATAATTTAATGCCCTG
 TCTCGAGGATCTAGTGCTATTGCGTATTCAGTCATTGTGGGAGCGCTGATGGCCAGTGGCAAAGAAGTGG
 CTGGGAAGATCCCAAAGGGAAGTTAGTCGACTTTGAAGCCATGACAGCCCTGGCTCAGAGGCCTTCAG
 CAAAATAGCAAAAAGCTGGATGAACTTGAAGAGTATTTCCCTTCTACAAGACCCTGCCATCAGTATCA
 GAGACGTTCCCGACTCTGAGGTCCATGATCGAGGTGCTCAACACGGATTCCACCCACGGTGTCTAAGA
 AACTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG209140 representing BC079851
 Red=Cloning site Green=Tags(s)

MLQEEDPLVSAIYGRGIAYGKKGLHEAIEAFKEALKQKVDFIDAYKSLGQAYRELGNFDAATESFQKALL
 LNQNHVQTLQLRGMLYHHGSLQEALKNFKRCLQLEPYNEVCQYMKGLSHVAMGQFYEGIKAQTKVMLND
 PLPGQKASPEYLRVKYLREYSRYLHAHLDTPLEYNIDSDLPGSFKDHWAKNLPFLIDGYEEQPGLQPHI
 RDVLHQNFEGYKPEVQELICVADRLGSLMQYETPGFLPNKRIHRAMGLAALEVMQAVHRTWNSKVRMNG
 KTRLLQWRDMFDIAVKWRRIDPDQPVWLQMPAPSLSRGFNNHINLIRGQVINMRYLEYFEKILHFIL
 DRILVYHGANNPKGLLEVREALEKVHKVEDLLPIMKQFNTKTKDGFTVNTKVPSLKDQKEYDGFITIT
 GDKVGNILFSVETQTTEERTQLYHAEIDALYKDLTAKGKVLTLAEFGAEDAVCNLILSLVYFYFNLMP
 SRGSSVIAYSVIVGALMASGKEVAGKIPKGLVDFEAMTAPGSEAFSKIAKSWMNLKSISPSYKTLPSVS
 ETFPTLRSMIEVLNTDSTPRCLKKL

TRTRPLE - GFP Tag - V

Restriction Sites:

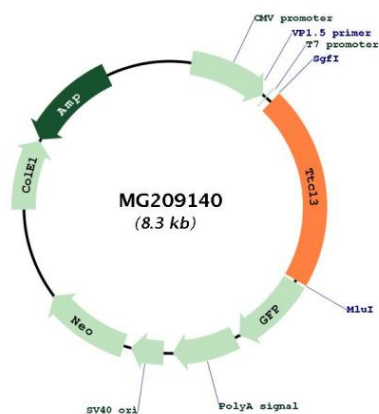
SgfI-MluI

Cloning Scheme:


ACCN:	BC079851
ORF Size:	1755 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:	BC079851 , AAH79851
RefSeq Size:	2987 bp
RefSeq ORF:	1757 bp
Locus ID:	234875

Cytogenetics: 8 E2

Product images:



Circular map for MG209140