

Product datasheet for **MG205389**

Mtch1 (BC027274) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mtch1 (BC027274) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Mtch1
Synonyms:	C77849, PSAP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205389 representing BC027274 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGGAGCCGGAGCTGGTGCAGGAGCTCGGGCGGCGCGCCGGAGTCGAGGCCCGCGCTCGGG
ACCCGCCACCCGCGCACCGCGCACCCCTCGCCATCCTCGGCCCGCGGCTCAGCCGTCGGCGCGCAGGAT
GGACGGCGGCCCGGGCGCCCGGGCTCCGGGGACAACGCCCGACCACCGAGGCGCTGTTCTGTGGCGCTG
GGCGGGCGGTGACGGCTCTCAGTCACCGCTGCTCTACGTGAAGCTGCTGATCCAGGTGGGTGATGAGC
CGATGCCCGCCACCCCTGGGACCAATGTGCTGGGGAGGAAGTCTCTACCTGCCGAGCTTCTTCACCTA
TGCCAAGTACATTGTGCAGGTGGATGGGAAGATAGGGCTCTCCGGGGCCTGAGCCCGCGCTTATGTCC
AACGCCTGTCCACTGTGACCCGCGCAGCATGAAGAAGTTTTCCCTCCAGATGAGATGGAGCAGGTTT
CCAACAAGGACGACATGAAGACCTCACTCAAGAAAGTTGTGAAGGAGACATCGTATGAGATGATGATGCA
GTGTGTATCGGAATGCTGGCCATCCCTTACACGTGATCTCGATGCGATGCATGGTGCAGTTTGTGGGA
CGGAGGCCAAGTACAGTGGTGTGCTGAGTTCTATTGGGAAGATCTTCAAGGAAGAGGGGCTGCTGGGAT
TCTTCGTTGGCTTAATCCCTCACCTCCTGGCGATGTGGTTTTCTGTGGGGCTGTAACCTGCTGGCCCA
CTTCATCAATGCCTACTTGGTGGACGACAGCTTTAGCCAGGCCCTGGCCATCCGGAGCTACACCAAGTTT
GTGATGGGATTGCAGTGAATGCTGACCTACCCCTTCTGCTGTTGGAGATCTCATGGCAGTGAACA
ACTGTGGGCTGCGGGCTGGACTCCCTCCGTATTCCCTGTGTTCAAGTCTGGATCCACTGCTGGAAGTA
CCTGAGTGTGCAGGGCCAGCTCTCCGGGCTCCAGCCTGCTTTTCCGCCGGGTGCATCGGGTGCATGC
TTTGCCCTGGAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG205389 representing BC027274
 Red=Cloning site Green=Tags(s)

MAGAGAGAGARGGAPAGVEARARDPHPAHRHPRHPRAAQP SARMDGGPGAPGSGDNAPTTEALFVAL
 GAGVTALSHPLL YVKLL IQVGHEPMPPTLGTNVLGRKVL YLPSFFTYAKYIVQVDGKIGLFRGLSPRLMS
 NALSTVTRGSMKKVFPDEMEQVSNKDDMKTSLKVVVETSYEMMMQCVSRMLAHLPHVISMRCMVQFVG
 REAKYSGVLS SIGKIFKEEGLLGFFVGLIPHLLGDVVFLWGCNLLAHFINAYLVDDSFSQLAIRSYTKF
 VMGIASMLTYPFLLVGDLMAVNNCGLRAGLPPYSPVFKSWIHCWKYLSVQQLFRGSSLLFRVSSGSC
 FALE

TRTRPLE - GFP Tag - V

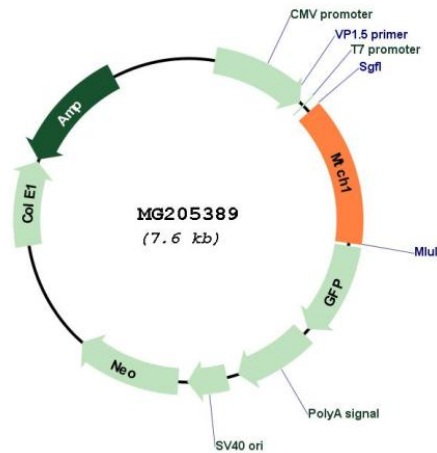
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

BC027274

ORF Size:	1062 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:	BC027274.1
RefSeq Size:	1771 bp
RefSeq ORF:	1064 bp
Locus ID:	56462
Cytogenetics:	17 A3.3
Gene Summary:	Potential mitochondrial transporter. May play a role in apoptosis (By similarity). [UniProtKB/Swiss-Prot Function]