

Product datasheet for **MG223277**

Rassf8 (NM_027760) Mouse Tagged ORF Clone

Product data:

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|---------------------------|-----------------------------------------------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | Rassf8 (NM_027760) Mouse Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | Rassf8 |
| Synonyms: | 5133400D11Rik; AA815821; AW123240; Hoj1; mHoj-1 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| ORF Nucleotide Sequence: | >MG223277 representing NM_027760 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAACCTAAAGTGTGGGTGGATGGCGTTTACAGAGGATCGTCTGTGGCGTCACGGAAGTCACAACCTGCC
AGGAGGTTGTAATAGCCTTAGCCCAAGCTATAGGTCGAACTGGAAGGTACACCCTGATAGAGAAATGGAG
AGACACTGAGCGGCACTTGGCACCAGTAAAACCCCATCGTGTCTTTGAACAAGTGGGGCAGTATGCT
AGTGACGTGCAGCTCATCTTGGCTGGACTGGCCATCTCTCAGTGAGCGACCCACCTCGGACAGTGTGG
CCCGAATTCCTGAAAGAACTTTGTATCGACAGAGCCTTCCCCCTTAGCCAAGCTCCGGCCTCAGGCGGA
CAAGTCCATCAGAAGGAGGGAGCCTAAGCGAAAGTCTCTCACCTTACAGGGGGCCAAAGGGCTGACG
GACATTTTTGAAAAGGCAAAGAGACTGAGTTCAGGCAGAAGGTGCTGAGTAACTGCAGGGCAACAGCAG
AGGAGCTGAAAAGGCTGATCCGGCTGCAGACGGGAAGCTGCAGGCCATCGAGAAGCAGCTGGAGTCCAG
TGAGGCAGAGATCCGGTCTGGGAGCAGAAGTACAGCTGTAGCCTGGAGGAGGAGATTGTCCGCCTGGAG
CAGAGGATCAAGAGAAACGACGTGGAGATCGAGGAGGAAGAGTCTGGGAAAACGAATTACAGATCGAAC
AAGAGAACGAGAAGCAGCTGCAGGATCAGCTGGAGGAGATACGGCAGAAGGTGACAGACTGTGAAGGCAG
GCTGAAGGACTACCTGGCCAGATCCACACCATGGAGAGCGGTCTCCAGGCAGAAAAACTGCACCCGGAA
GTTCAAGGAGGCACAGGTCAATGAGGAGGAGGTGAAAGGAAAGATCGAAAAGGTCAAGGGGAGATGGAC
TTCAAGGGCAGCAGAGCCTGAGGCTGGAGAACGGCATTAGAGCTGTGGAGAGGTCTCTGGGGCAGGCCAC
CAAGCGGTACAGGACAAGGAGCAGGAGCTAGAGCAGTTGACCAAGAGCTGCGGCAGGTCAACCTCCAG
CAGTTCATCCAGCAGACAGGGACAAAGTACCCTGCTGCCGGCCGAGCCACGGAGATCGAGGCCCTCGC
AGGCAGACATAGAGACAGAGGCCATTCCAGTCTGGTCCCTGAAGCGACCTGGTTCATCCCGGCAGCT
CCCCAGTAATCTCGTATTCTACAGAACCCTGTCTCCTCGGGTTTAACTCCTGAAGGCATCTATGTA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG223277 representing NM_027760
 Red=Cloning site Green=Tags(s)

MELKVVVDGVQRIVCGVTEVTTTCQEVVIALAQAIGRTGRYTLIEKWRDTERHLAPHENPIVSLNKGQYA
 SDVQLILRRTGPSLSERPTSDSVARIPERTLYRQSLPPLAKLRPQADKSIRRRPKRKSLSLFTGGAKGLT
 DIFGKGKETEFROQKVL SNCRATAEELKRLIRLQTGKLQAIKQLESSEAEIRFWEQKYSCSLEEEIVRLE
 QRIRKNDVEIEEEEFWENELQIEQENKQLQDQLEEIRQKVTDCGRLKDYLAQIHTMESGLQAEKLRHRE
 VQEAQVNEEEVKKIEKVKGEMDLQGGQSLRLENGIRAVERSLGGQATKRLQDKEQELEQLTKELRQVNLQ
 QFIQQTGKVTVLPAPTEIEASQADIETEAPFQSGSLKRPSSRQLPSNLRILQNPVSSGFNPEGIYV

TRTRPLE - GFP Tag - V

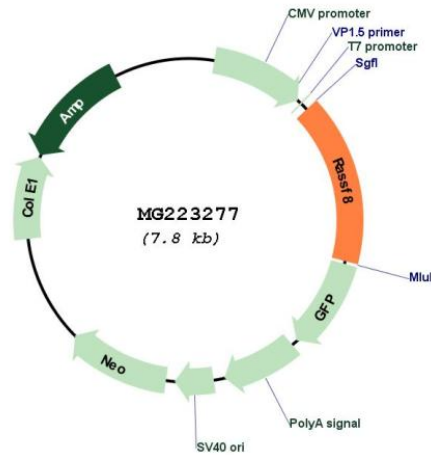
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_027760

| | |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ORF Size: | 1257 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: | NM_027760.3 |
| RefSeq Size: | 1733 bp |
| RefSeq ORF: | 1260 bp |
| Locus ID: | 71323 |
| UniProt ID: | Q8CJ96 |
| Cytogenetics: | 6 G3 |