

Product datasheet for **MG220219**

Skint9 (NM_177864) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Skint9 (NM_177864) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Skint9
Synonyms:	A030013N09Rik; Skint-9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG220219 representing NM_177864 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGTCCTCAGCTTCTGTTTACCTGGATTCTTCATGTCAATCCTTCTTTACAGAACACAGTACTCA
CTCAAGCTATGAGATCAGATATAAAGATTAACATTCAGGTTCCAGATACAGAAGGACTACTGCTGGAGTG
TACTTCAGGAAGTTTGATCCACCTGCTGAGATGACATGGAGAGACAGCAATGGAATATAATTCCACAT
TCAACTGCATTTAACTCTCAGGATAGAGACGGATTATTGTATTTGAAGAGCAGCATTCTTCTGAAGAACA
GAGCAAAAGGTCCTATTACTTGCTCCATTTACAATGTAACACTAATCAGGAGAAAAAGAGAAGTATTGT
CCTACCAGATGCCCTGTTCAAATCGGAGAATATGTCATTGATGTCAAACAAATTTTCATGTCCTTCAATA
TATTTAATCACTATAATTTTTCTTAATTTCTCAGAGGAATACTTGTTTTTGTGCTCAGAAGAAAAC
CTGTTTGTTCAGAAATCTAATGAGTACAGTAATGGAAGCTTTGTATAGTAAAATGGGAGTTTGCTGTTT
GCTTATCTGGGAGTGCCTACTGTTAGTTTTGTATATTGCCTTCTTCTATCTACGTGAGTTTCAGAAGT
AGAGCTTTTCTTTGGACGATACATATCCATTGTATACTAATTGGCTGTGGAACATATGCATAATCTTGA
CTGTTATAATGGTACTTTTCCCTGGCCTCATTTGTGTCTACTTTGGACCCTGAAGTGTATGGTCAGGT
GTCTTCTTACCTCCAACAAGTATGGAAGTTCACAAAGGACTCTGAGCAAAAATAGTTCTAAATCTGAT
GACTCCCAAGAAAATTATGACGTGAAGTCAAGATCCTAGAAACTGTGAAAGTAAAATATTTAGTCAGC
ACCAAGAAAGTTGTGAAGATGATACAGCTTCAACCCCTTTCATCTCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG220219 representing NM_177864
Red=Cloning site Green=Tags(s)

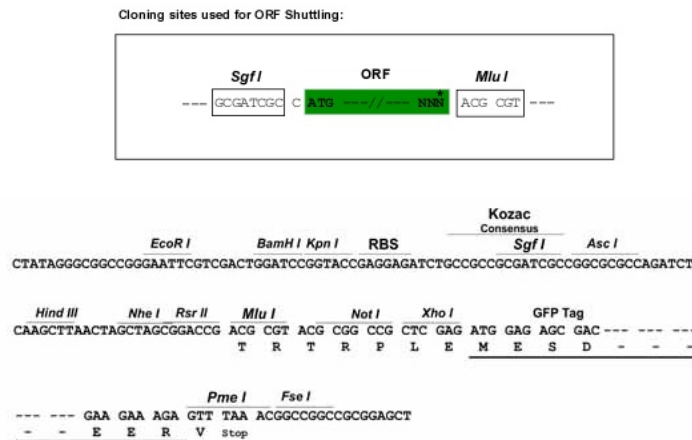
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MESSASCLPGFFMSFLLLQNTVLQAMRSDIKINIQVPDTEGLLLECTSGSLIPPAEMTWDRSNGNIIPH
STAFNSQDRDGLLYLKSSILLKNRAKGPITCSIYNVTTNQEKRSIVLPDALFKSENMSLMSNKFSCPSI
YLITIIIFLNFLRILVFCCLRRKPVCFRNL MSTVMEALYSKMGVCCLLIWECLLLVLYIAFLPIYVSFRS
RAFLDDDTYPLYTNWLWNICIIILTVIMVLPGLILCLLWTLNCGVQVSSLPPTSMELSTKDEQNSKSD
DSQENYDVNCKILETCESKIIFSQHQESCEDDTASTLFIS
```

TRTRPLE - GFP Tag - V

Chromatograms: https://cdn.origene.com/chromatograms/ja1700_c08.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_177864

ORF Size: 957 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: [NM_177864.3](#)

RefSeq Size: 1373 bp

RefSeq ORF: 960 bp

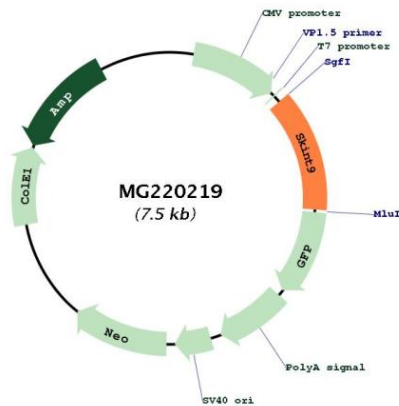
Locus ID: 329918

UniProt ID: [A7TZG3](#)

Cytogenetics: 4 D1

Gene Summary: May act by engaging a cell surface molecule on immature T-cells in the embryonic thymus. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG220219