

## Product datasheet for MC215324

### Skint1 (NM\_001102662) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Skint1 (NM_001102662) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Skint1
Synonyms:	OTTMUSG00000008542; Skint-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC215324 representing NM_001102662 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGGATCCACAGGACTATGTTTTATGGACACTGTATTGTCATGTTCTTCTTCAGATGGTCACAGCAA  
GCTCAGAGCCATTTATAGTGAACGGCTTAGAGGGGCCAGTCTGGCTTCATTGGTGAAACTTAGAACT  
CAGTTGTCAGTTGCTCCACCACAACAAGCCCAGCACATGGAGATTCGCTGGTCCGGAACCTCTATACA  
GAGCCTGTGCACCTGTACAGAGATGGCAAAGACATGTTTGGAGAAATTATCTCCAAGTATGTGGAACGTA  
CAGAACTCTAAAAGATGGGATTGGAGAAGGAAAGTGACCCTTAGGATCTTTAATGTGACTGTTGATGA  
TGATGGGTCTTACCACTGTGTGTTCAAAGATGGTGATTTCTATGAAGAGCACATAACAGAGGTCAAGATC  
ACAGCCATAAACTTACAGGTACAGATTCATGTGCACCCTCCTAATACCAAAGGTGTGATAGTGGAGTGTC  
ACTCTGGAGGTTGGTTCCACGACCTCTCATGCAATGGAGAGACAGAAGAGGGGAGGTCATTCCAGCTGC  
ATCAAAATCCCCTCACAGGGTAGAGACAACTGTTCAATATGAAGATATCCCTTCTCATTAGTGAAGC  
TTCTTCCAGAAAGTCATTTGTTGCTTCCAGAACCTCTAACAGGCCAAGAGGAAAGGACAAGTGTATTTC  
TATCAGATGCATTTTTTTCATGGAATAGGATTTGGAAAATGATTTCTGGGTATAATACTATCTATGATGGT  
GGTCTCTATCTTTGTTTTAGTTGTCTGCTACATCATGAGCATAAAGTTGTAAGTGAAGTGGGATGCT  
CCTTGGATAAAAGGATTATAAATGACATCTCTATGGTGACTGTTGTATTAGTCAAGTGGTATTTAC  
ATATGAAACAAAAGAGTTCCAGTTTCAGATGTACATTTTGAATTGGATACTTTGTGGGTGGAAGACATAAG  
TGTAATCCTGTGTTCACTGATGGTTCCTGCCACCATGCTTGTTCCTATACATATTTTCAGGTTGAAAGAC  
TGGTGCCAGCACAATCATGCTCAGAGACTTCCACAGCAACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: [https://cdn.origene.com/chromatograms/ja2520\\_b04.zip](https://cdn.origene.com/chromatograms/ja2520_b04.zip)



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001102662
<b>Insert Size:</b>	1095 bp
<b>OTI Disclaimer:</b>	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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. <a href="#">More info</a></p>
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_001102662.1</a> , <a href="#">NP_001096132.1</a>
<b>RefSeq Size:</b>	1260 bp
<b>RefSeq ORF:</b>	1095 bp
<b>Locus ID:</b>	639781
<b>UniProt ID:</b>	<a href="#">A7TZE6</a>
<b>Cytogenetics:</b>	4 D1
<b>Gene Summary:</b>	<p>May act by engaging a cell surface molecule on immature T-cells in the embryonic thymus. Plays a central role in mediating key epithelial-immune interactions by being involved in the selection of Vgamma5(+)\delta1(+) T-cells, which constitute 90% of epidermal gammadelta T-cells.[UniProtKB/Swiss-Prot Function]</p>