

## Product datasheet for **MC216739**

### Skint4 (NM\_178786) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Skint4 (NM_178786) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Skint4
Synonyms:	9530098N22Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216739 representing NM\_178786  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGATCAATAGGCTCAGGTGTAATGGGAGCTACAGAAGTACTTACTTCATACTGTGTTGTCTTATGCC  
 TCCTCCAGATGGTAGCACTGAGTTCAGGACACTTTACAGTGATTGGCTCACAGAGGCCCATATTGGCTAC  
 ATTGGGTGGAAATGTAGAACTCAATTGTCAATTGTCCCCACCACAACAAGCACAACACATGGAGATTCGC  
 TGGTTTCGGAACCGTTATACACAACCTGTGCACCTATACCGTAATGGTAAAACTACATGGAGAACTA  
 TGTCTAAGTATGTAGAACGGACAGAAGCTCCTGACTGATGCCTTTAATGAGGGGAAAGTATCCTCAGGAT  
 TCTTAATGTAAGTGTGATGATGGTGGTGCATACCCTGTGTCTTTAAAGATGGTGAATTCTATGAAGAG  
 CATATCACAGAGGTCAAGGTCACAGCCACAAGCTCAGACATACAGATTCTCATGCATACGCCTAATATTA  
 AAGGTGTGATGTTGGAGTGCATTACAGCGGTTGGTCCCACAGCCTCATATGGAATGGAGAAATAGCAA  
 AGGAGAGGTCAATCAAGCCACATCAAAATTCATTACAGGATAAAAAACAAATTGTTCAACATGTCAATG  
 GTCTTTTTATTGAAGCCAGCTCTCACAGGAATGCATTTGCTACTTTCAAACCTTGAACTCACCAAG  
 AACAAAGCATAAATATTGTTCTATCAGGTGAACTGTTTTTCATGGAAAATTGTTGGATAATGATTCTGAG  
 CACAATATCATTGTGATGATAGATTTCTGCATGACTTACTGTGTTTCAGCAACAGCTCATACATGAAGAG  
 TCACTGTCTACCGTGGACAATGATCAGTGTGAGTCTGATCAATCTGAGGGTACCTGCTACAAGAGAAATT  
 ATCCTTGGATTATTATTGCGATGGTACCATAATTTTCAGTGTGTTGCAATCATAGGAGTATGCTCTTTTT  
 GCATCTAGAACAAGAGTTACAATCTAGAACAAACATTTGAATTGGACACCTTGTGGTTGGAAGATATT  
 AGTGTGATCCTGTGTGGTGTAGTGTCCAACATCAATCTCATACCTTTGATATACTTCAGATTGCATG  
 AACATGTACCTAGATTCAAAGACCGTCCCAATATTAACAAGCAGTGGTATTCTGCATTTTCATTTA  
 TTTCTCAATCGTATGTGGAACAATCCTTCTGTGCATCTGCAATTACGTAAACAAGTTTCTATTTTCAGAT  
 TCCTTATTTTCTGTACAACAGCTGGCTGACAGATATTTCAATGATTTTAGGATTTCTATTGTCAATTT  
 TCATTGTTACAACCATTGCAAAATCATCATTATTTAATAAAAAAGTGGTGCATTGGACTGTGCATTACAT  
 GAAGGAAGCAGAAGCAACTGGAGGACCCTGTGAAGGAGAAGAATTG**TAG**

**ACCGGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_178786

**Insert Size:** 1449 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**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\\_178786.4](#), [NP\\_848901.2](#)

RefSeq Size: 3997 bp

RefSeq ORF: 1449 bp

Locus ID: 320640

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]  
Transcript Variant: This variant (1) encodes the longer isoform (1).