

Product datasheet for **MC224474**

Skint5 (NM_001167878) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Skint5 (NM_001167878) Mouse Untagged Clone
Tag: Tag Free
Symbol: Skint5
Synonyms: OTTMUSG00000008560; Skint-5
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224474 representing NM_001167878
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGGAGCTGTAGGAATACCTCTTACCGCACACTGCGTTGTTTTGTTTCTCCTCCAGATGGTAGCACTGA
GTTCAGAACAAATCACTGTGAATGGCTTAGAGAGTCCAGTCTTGTTCCATTGGATGGAAACCTAGA
ACTCAGTTGTCAGTTGCTCCACCACAGCAAGCAAAACACATGGAAATTCGCTGGTTCAAGAATCGCTATTCA
GAGCCAGTATACCTGTATAGAAATGGTAAAGACCTTTTTGGAGAAATGTCTACAAGTATGTAGAGAGAA
CTGAACCTCTGAAAGATGACATCGGAAAGGAAAGTAACCCCTCAGGATCTTTAAAGTAAGTGTGTTGA
CAGTGGGTCTACCAGTCTTCTCAAAGATGGCAAGTCTATGAAGAGCATATCATAGACGTCAAGGTC
ACAGCTACAAGCTCAGACATACAGATTCTATGCATCCCCAAATATCAAAGGTGTGAGGTTGGAGTGTG
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ATCAAAATCCCATTACAGGATGAAATGAATTTTTCAACATGACAATGGACCTTTTTATTAATCCAAC
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GAGTATTCAAAGTCCAGTGTGGATCTAGGAACAAAAGAGTTGCTGTTGAAAATAATTCAATCGAGTATT
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CCAGTGTGGATCTAGGAGCAAAAATGGGGCTGTTGAAAAGCATTGTCAGTATTCAAAAGTCCAATGT
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 GTAAAGCATAAGTACATAGTAACTACATATTAAGATTCTCACATCCCGTCTTTTGCATTGTCTACTC
 TGCAACAATCCTTTATATGTATCTGCAAAATACAGAACAAAAGATTCTTATTTTCTTGTATAATAGCTGG
 ATGGTAGAAATGGAAATGGTTCTAATATTTCTGCTCGTAATTTTCAATGTTAAAAACATTGCAACTGTAT
 TGTATACTTTGACAGTACAACCTACGACTATTCTTCTGGATTAAGGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001167878
Insert Size: 4323 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:	<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:	<u>NM_001167878.1</u> , <u>NP_001161350.1</u>
RefSeq Size:	4434 bp
RefSeq ORF:	4323 bp
Locus ID:	242627
UniProt ID:	<u>A7XUY5</u>
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 (2) lacks an alternate in-frame exon, compared to variant 1, resulting in a shorter protein (isoform 2), compared to isoform 1.