

Product datasheet for MC227452

Skint2 (NM_001285965) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Skint2 (NM_001285965) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Skint2
Synonyms:	A430070M19; B7S3; OTTMUSG00000008540; Skint-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC227452 representing NM_001285965 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGAGCTACAGGAGTACTTCTCTGTGTGTCTTACACTTCCTCCAGATGGTAACACAGAGTTCAGAAA
 AATTCACAGTGACTGGCTTACAGAGGCCAGTCTTGGCACCATTGGGTGGAATGTTGAAGTGAAGTGTGCA
 GTTGTCTCCGCCACAACAAGCACAGCATATGGAGATTCGTTGGTTTCGAAATCGCTATAGAGAGCCTGTG
 TACCTGTACAGGAATGGTAAAGACCTGCATGGAGAACTATCTCCAAGTATGTGGAGCGGACTGAACTCC
 TGAAGATGACATTGGAAGGGGAAGGTGACCCTCAGGATCTTTAACTGACAGCTGATGATGATGGGTC
 ATACCACTGTGTCTTCAAAGTTGGAGAGTTCTATGAAGAGCATATCACAGAAATCAAGGTCACAGCCACA
 AGCTCAGTCATGTACATTCTAATGCAGCCCCCTAATATCAAAGGTGTGATGTTGGAGTGTATTCAGGAG
 GTTGGTCCCACAGCCTCATATGGAATGGAGAGACAACAAGGGAATATCATTCCAGCTACATCAAAGGC
 CCATTCACAGGATGAAAACAAATTGTTCAACATGACAATGACCCTTCTTATTGAAGCCAGCTCCCACAGG
 AGTATCACTTGCTATCTTCAAACCTTCTAACTCACCAAGAAGAAAGCATAAGTATTGTCCTATCAGGTG
 AACTATTTTCATGGAAACGTGTTTGGATAATGATTCTGACTACAATAGGATTCATGATGATAGCCTTCTG
 CATGACTTATTGTGTTTACGCAACATCTTATATGGTACCTTCTTAAGGGGAAATGTCATTGGTTAAAG
 AGTACAATGATATTCATGTTTTCAGTGATTGCAGTTACAGGAGTCATGCTCATTTTGCATCTAAACAAA
 GAGTCCCAGTTTCAGATCAACATTTTGAATTGGACACTTTGTGGCTTGAAGATATTAGTGTGATCCTGTG
 TGTGCTGATCGTGTTCATCAAGCTCATTTTATTTTACTTCAGATTAGAAGGTTTGAAGTGTATC
 ACCAGGAGATCATCAGGGGTGGAGTCTGCCACCCTATCTTCTGCCACTCCCACTGCTGCTATCTGCCGC
 CTAGCTGTTCCAGAGTATTCACGTGGTCACCTGCAGCTGGACTCCGAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001285965
Insert Size:	1173 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001285965.1, NP_001272894.1</u>
RefSeq Size:	1277 bp
RefSeq ORF:	1173 bp
Locus ID:	329919
UniProt ID:	<u>A7XUX6</u>
Cytogenetics:	4
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) uses an alternate splice site in the 3' terminal exon, resulting in an alternate 3' coding region, compared to variant 1. The encoded isoform (b) has a distinct and shorter C-terminus, compared to isoform a.