

Product datasheet for **MC205625**

Tor1aip1 (NM_144791) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tor1aip1 (NM_144791) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tor1aip1
Synonyms:	LAP1; Lap1B
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC010841

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GCGGAATCTAACTGCGGACAATCCATCGCCACGAACCGACTACCAGCTACGTAACAACATATGGCGGGAG
AAAGGTGGCAGGCCGAGGGGCCGAGAAGGCTGGCCATCTACGTACACCCAGAGCCCCATCCGGGA
GGGAAGGCGGAGGCTCGACCCGCGAAATGGCGACAGCAGTGACGCGCCTGCGTACGGAGCTCACCGTCCG
CGCCGCGGACGACGGGAAGTGAGGTTTTAGAGGAGCCGCGCAGAAGTGTACGGCGACTTCGAGCCCCGGG
CGGCCAAAGAAAGGTCTCCGGGGGGAGACGAACCCCGCAGAAAAGTTCGGGCCGGCTTCTGCGGGAGA
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GAGATGAAGACGCGGAGGTCTGCTCGCCTTGAGCAGCACTCACAGCAGCCGAGCTGTCTCCGGCCACCA
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GATGGAATTTGGAACAGTTTTTAAAACTGGTTTTCTTTTTAAAGGAAGTAAAGTTCATACATAAAAGTGG
AATAACTAAATCATTAAAAA
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Restriction Sites:	RsrII-NotI
ACCN:	NM_144791
Insert Size:	1563 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>BC010841</u> , <u>AAH10841</u>
RefSeq Size:	1781 bp
RefSeq ORF:	1563 bp
Locus ID:	208263
UniProt ID:	<u>Q921T2</u>
Cytogenetics:	1 G3
Gene Summary:	<p>Required for nuclear membrane integrity. Induces TOR1A and TOR1B ATPase activity and is required for their location on the nuclear membrane. Binds to A- and B-type lamins. Possible role in membrane attachment and assembly of the nuclear lamina.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks an alternate in-frame segment compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform a.</p> <p>Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>