

Product datasheet for **RN201031**

Tor1aip1 (NM_145092) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tor1aip1 (NM_145092) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tor1aip1
Synonyms:	Lap1b; Lap1c
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN201031 representing NM_145092
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGCGGAGAGAGGTGGCGGGCGAGGGCTGGGAGAAGGATGGGCCATCTACGTACACCCAGAGCCC
 CCATCCGGGAGGGAAGGCGGAGGCTCGCCACTCAAAATGGCGACGGGAGTGACGCGCCTGCGTACGAAAC
 TCATCCGTCGCGCCACGGACGACGGGAAGTGAGGTTTTTCAGAAGAGCCGCCAGAAAGTGTACGGCGACTTC
 GAGCCCCGGGCGGCCAAAGAAAGGTCTCCGGGGAAAGACGAACCCCGCCAGAAAGTTCGGTTCGGATT
 CTGCGAAAGAGGAAGTGAGAGAAAGCGCTTACAATCTTCGGTCTCGACAACGGAGGCAGCGGGACCCCA
 GGAAGCCGAGGAGATGAAGACGCGGAGGCTACTCGTCTGGAGCAGCACTCACAGCAGGCGCAGCAGCAG
 CTGTACCCGGCTACGAGCGGGCAGGATTACGGGACGCTCAGTCCTTAAGTGAGGACCGCGGAGAGGATG
 AACCTTCTCCCAACCTGTTACAAGCCAAACAGTCTCAAAGAAAAGTGTGAGGACCCAGAGACTTCAGT
 GATGAGTGAAGATCCTATCAGTAACTTATGCAGACCCCAATTAAGAAGCCCAAGACCTGACGCTTCCATT
 GTCCAACACATCAACCCCTTTGAGGAAGGAGAAACCGAAGATGATCTTGAGAGCTTTACAGTGTGTCA
 CTATCAGGATCAGATCCAGGGACTCTGTGAGTCTAGAGATGAAGCCGCAGTAGCAGCCGGTCCACATCC
 AGACTCACTGTGGGGTTACACACAGTCGGGGGACTTCACAGCTCATGAGAATCAACCCTCACTGCTG
 CCCACAGGATGTCAAAAAACCTCAAGAGTGGGTTGAACAAGCTGTGAGAATGAGGACTAGAATGGCAT
 ATAACAACATTGAGAAATCAGACTTTGGAACCAATCTCCATCAACCTCCAGGCAACAAGCAGCTGTACA
 ACCCCAGATGAGTCTTCTGTCAAGATAAAATGGTGGCTGCTGATACTTGTGCTCTGGCCATGGGA
 ATATATTGGTTCTTTCATACTCCTGTAGTAGAAACCACTGCTGTTCAAGAATCCAGAACCAGATGAAGC
 AGCTCCAGTCTAAGTACCAGAGTCAAGATGAGAACTGTGGAAGAGAGGCACAACATTCCTAGAAAAACA
 TCTGAATAGTCCCTCCCTCGGCCCGAGCCTGCCATCCTGCTGCTCACTGCAGCTCAGGATGCTGCGGAA
 GTGCTCAAGTGTCTGAGTGAACAGATCGCCGATGCCTACTCTTCCTCCGAGTGTCCGTGCCATCCGGA
 TCGACGGAGCAGGCAAGCTGCTCAAGACAGTGACCTCGTTAAGCACGAAGTCGATCAGGAAGTACAGAG
 TGGATTTAGAAATGGCCAGAATGCAGCTGTGGTCCACCGCTTCAATCCCTGCCTGCAGGCTCAACCTTG
 ATCTTCTATAAACTGTGACCATGAAACGCAGCCTTCAAAGATGTGGCCCTCGTCTTGACGGTACTGT
 TGGAGGAGCAGACGCTGGAAGCCAGTCTAGGCCTAAAGGAAATTGAGGAGAAAGTGAGGGATTTCTTAA
 AGTCAAGTTCACAGCTCTGACACGGCCAACTCCTACAACCACATGGACCCAGACAAGCTCAATGGACTC
 TGGAGCCGCATCTCCACCTCGTCTGCCCGTGCAGCCTGAGAATGCTCTGAAAGCAGGCAGCTGCTTAT
 GA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_145092

Insert Size: 1752 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:	<u>NM_145092.2, NP_659560.2</u>
RefSeq Size:	2730 bp
RefSeq ORF:	1752 bp
Locus ID:	246314
UniProt ID:	<u>Q5PQX1</u>
Cytogenetics:	13q22
Gene Summary:	bind lamins and may be involved in membrane attachment and assembly of the nuclear lamina [RGD, Feb 2006]