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Product datasheet for MC225013

Ticrr (NM_029835) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ticrr (NM_029835) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ticrr
Synonyms:	5730590G19Rik; BC028450; Lrrk1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC225013 representing NM_029835 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGCCTGCTGTCACAAAGTGATGCTGCTGGTGGACACAGCGGGCGTCTCTGCTCCTCATAGCCCGGCCC GACGCGCCGCCCTCCGGCTCCTCACTTACCTGAGCTGCCGCTTCGGCCTTGCCAGGGTCCACTGGACCTT CAAGTTCTTCGACTCTCAGGGGGCACGGAGCCGGCCCTCCCGCGTGTCCGACTTCCGCGAGCTGGGGAGC CGCTCCTGGGAGGACTTCGAGGAGGAGCTGGAGGCCAGGCTGGGGGATCGCCCTCCCGGAGCTCACCTGC CGGGCCCGACGCCCAGAGCCACCCACACGCACGGTGCCCTGATGGAGACGCTGCTCGACTACCAGTGGGA CCGGCCGGAGATCACGTCGCCCACCAAGCCGATCCTGCGGAGTAGCGGCAGGAGGCTGCTGGACGCCGAC GGCGAGGCCAGGGAGGCCCAGGCCGCGCTCGGGGGCTTTGGGAACGCCGTCTTCCTCCTGGCGCCCTGTC CTCACTCGCAGAGGGAGCTGCTTCAGTTCGTGTCCGGGTGCGAGGCACAGGCTCAACGCGTGCCGCTCAC CCCCAAGCAGGTGATGGAGAAGGTGTTGCCCAAGAGAGTCCAAGAGGTTATGATCGCCCGAAATATCACC TTGTACTGGGTGGACACCACCGAGCGATCTAAGTTGTGGGCTTCCCCAGACCATGTTGGATACTGGACAG TGTGTGAGCTGCTACACCATGGAGGAGGTACCATCTTGCCAGCTGAAACTTGGAGCCTGGGATTTACTAA AGCCAGGGAAACAGTGCTGCCATGTGGTGGCGAGCTGTCACACAAACCTCACCCCTCCCCGTGGATCTCA GCTCTGCCAATAGATGCCACTGTAAACTGTTTGCTGTATAATTCTGAGTATGAAGCCTCATTTCCACGAA TTGAAGGAACATTATTTCTCCCTGTTCAAGGCAAAGAAATTGAAGAAACATGGGCAATCTCCCTGGAGCC TTTAGCCATGCATCAGAGACATTTTCAAAAGCCAGTCAGAATTGTCCTAAGAGGCTCAGTGGCACAGTGG TCTCTCCCAGTGAGTAGTGCTTTAGGCACTGACAGTTGGATGCTACAAAGTCCAGAGGAACACAGGTCAA CTCAAAGGCTGTTGTTTCAGGAGCTGGTAAGCAGGCTGACTGCTGAAGAATTCCATCTGGTTGCCAGTGT GGATCCTGGTGAAGGCTGGCCCCCCATAACGGGAATTATTTCCCCATTCTCTGCCAATGCCATGATTCTC ACAGTGTTCCGAGCCAAAGAAGCTGAATTTCAAAGCCATTTTCTCCAAACAGCTGCGACTGAAGGTTCCC AGGATACAGCTTCCCTTTTCTCAGATGTTGTAGATAGTGTCCTGAATCAGAGTCATAATTTATTTGAAGA CCCTGCGTCTTCTGCCCCCTGTGTTCCAGAGTGGGTCCAGCAGGAGCTTAGTCATACCAGCTCCTGGAGT CCAGCTCTTGTCGAAAAGTGGTTTCCTTTCTCCAACGCCAGTGGTGCTACTTCAGACTTGATGGAATCAT

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Restriction Sites:	SgfI-RsrII
ACCN:	NM_029835
Insert Size:	5670 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_029835.1, NP_084111.1
RefSeq Size:	7213 bp
RefSeq ORF:	5670 bp
Locus ID:	77011
UniProt ID:	Q8BQ33
Cytogenetics:	7 D2
Gene Summary:	Regulator of DNA replication and S/M and G2/M checkpoints. Regulates the triggering of DNA replication initiation via its interaction with TOPBP1 by participating in CDK2-mediated loading of CDC45L onto replication origins. Required for the transition from pre-replication complex (pre-RC) to pre-initiation complex (pre-IC). Required to prevent mitotic entry after treatment with ionizing radiation (By similarity).[UniProtKB/Swiss-Prot Function]