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Product datasheet for RN204950

Clip1 (NM_031745) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Clip1 (NM_031745) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Clip1
Synonyms:	CLIP-170; Rsn
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN204950 representing NM_031745 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGAGTATGCTGAAACCCAGCGGGCTGAAGGCCCCGACCAAGATCCTAAAGCCTGGGAGCACAGCCTTGA AGACCCCTGCTGCTGCTGCAGCTCCATTGGAGAAGACAGTACCCAGTGAAAAAGCCTCAGGCCCTCCATC CTCTGAGACCCAAGAGGAGTTTGTGGACGACTTCCGAGTTGGAGAACGTGTTTGGGTGAACGGGAATAAA CCTGGATTTATCCAGTTTCTTGGGGAAACTCAGTTTGCACCAGGCCAGTGGGCTGGTATTGTTTTGGATG AACCCATAGGAAAGAACGACGGCTCAGTGGCAGGAGTGCGGTATTTCCAGTGTGAGCCTTTAAAGGGCAT CTTCACCCGACCGTCAAAGCTAACGAGGAAGGTACAAGCAGAGGATGAAGCCAACGGCCTGCAGACAGCT CACGCGAGAGCTGCTTCACCTCTGTCCACTGCTGCAGCCACCATGGTGTCCTCTTCTCCAGCCACTCCCT CAAATATTCCCCAGAAACCGTCCCAGCCAGTGGCAAAAGAAACTTCAGCGACACCTCAAATTAGCAACCT TACGAAAACCGCCAGCGAGTCAATCTCCAACCTTTCAGAGGCTGGCTCTGTCAAGAAGGGAGAGCGAGAG CTCAAGATCGGAGACAGGGTGCTGGTCGGTGGCACGAAGGCTGGCGTGGTCCGGTTTCTTGGAGAGACTG ACTTCGCCAAGGGGGAGTGGTGTGGTGTGGAATTGGACGAACCTTTGGGGAAGAACGACGGTGCTGTTGC TGGAACAAGGTATTTTCAATGTCAACCCAAGTACGGATTGTTCGCTCCCGTCCACAAAGTGACAAAGATT GGCTTCCCTTCTACCACCCCAGCCAAAGCCAAAGCCGCTGCTGTGAGGCGAGTGATGGCCACCACGCCCG CCAGCCTGAAGCGAAGCCCTTCTGCCTCCTCCCTCAGCTCCATGAGCTCTGTGGCCTCCTCTGTGAGCAG CAAGCCCAGCCGGACAGGACTATTGACTGAAACCTCTTCCCGCTACGCCCGCAAGATCTCGGGCACCACT GCCCTCCAGGAGGCGCTGAAGGAGAAGCAGCAGCACATTGAGCAGCTGCTGGCTGAGCGGGACCTGGAGC GGGCCGAGGTGGCCAAGGCTACCAGCCACGTGGGGGAAATAGAGCAGGAGCTAGCCCTGGCCCGAGATGG GCATGACCAGCATGTCCTGGAACTGGAGGCCAAGATGGACCAGCTGCGTACCATGGTAGAAGCTGCTGAC AGGGAGAAAGTGGAGCTCCTCAACCAGCTGGAAGAGGAGAAAAGGAAGGTTGAGGACCTTCAGTTCCGAG TTGAAGAAGAATCAATTACCAAAGGTGATCTTGAGACGCAGACCAAACTGGAGCATGCCCGCATTAAGGA GCTTGAACAGAGCCTGCTCTTTGAAAAGACCAAAGCTGACAAACTCCAGAGGGAGTTAGAAGACACTAGG GTGGCTACAGTATCAGAAAAGTCCCGAATAATGGAACTAGAAAAGGACCTAGCGTTGAGAGTACAGGAAG

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TGGCCACTGGGCCACCAACTGCAACGACGATGAGACCTTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_031745

Insert Size: 3963 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_031745.2, NP_113933.2
RefSeq Size:	4597 bp
RefSeq ORF:	3963 bp
Locus ID:	65201
UniProt ID:	Q9JK25
Cytogenetics:	12q16
Gene Summary:	linker protein that associates with growing ends of microtubules [RGD, Feb 2006]