

Product datasheet for **RN212239**

Cript (NM_019907) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cript (NM_019907) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cript
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN212239 representing NM_019907 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGTGTGTGAAAAGTGTGAAAAGAACTCGGCAGGGTTATCACTCCAGACACATGGAAGGACGGGGCCC
GGAACACCACAGAAAGTGGTGAAGGAAGCTGAACGAAAACAAAGCTCTGACTTCGAAGAAAGCAAGTT
TGATCCATATGGAAAAATAAGTTCTCCACTTGCAGAATTTGAAAAGTTCTGTACACCAGCCAGTTCT
CATTACTGTCAAGGCTGTGCCTACAAGAAAGGCATCTGTGCGATGTGTGGCAAAAAGTTTTGGATACTA
AAAACTACAAGCAGACTTCCGCT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_019907
Insert Size:	306 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).



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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_019907.1](#), [NP_063972.1](#)

RefSeq Size: 1435 bp

RefSeq ORF: 306 bp

Locus ID: 56725

UniProt ID: [Q792Q4](#)

Cytogenetics: 6q12

Gene Summary: postsynaptic protein that binds to PSD-95; may regulate PSD-95 interaction with a tubulin-based cytoskeleton [RGD, Feb 2006]