

Product datasheet for RR210941

Gemin2 (NM_053389) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gemin2 (NM_053389) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Gemin2
Synonyms:	Sip1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RR210941 representing NM_053389 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGTGGGTTCCAGCCGAGTCTGCGGTGGAAGAGTTGATGCCACGGTTGTACCTGTGGAGCCCTGTG
ACTTGACGGAAGTTTCGATCCCTCGGTACCCCGAGGACGCCTCAGGAATACCTGAGGAGGTTGCAGAT
CGAAGCAGCCAGTGTCCAGATGTTGTGGTAGCCAGATTGACCCAAAGAAGTTGAAAAGGAAGCAAAGT
GTGAATGTTTCTTTTCGGGATGCCACCCTGCCCTGAAGTTATTCCCAACACTGCAGTGGCAGCAGC
AACAAAGTATACAGTTTTTCGAGTGTTCGACAGAGTGTGCACAAGCATAGAAATCACTGGAATCTCAACA
GTTGGATAGTAATGTGACAATGCCAAAATCTGAAGATGAAGAAGGCTGGAAAAATTTTGTCTGGGTGAA
AGATTATGTGCTGAAGGGCTACTGGACCATCTACAGACGAAAGCCCTGGGATTGATTATGTACAAGTTG
GTTTTCTCCCTTGTGAGTATTGTAAGCAGAATGAATCAGGCAACCATTAAGTGTCTTGGAAATATCT
AAGTAATTGGTTGGAGAAAGAGATTTTACTCCAGAATTGGGAAGATGGTTCTATGCTTTGTTGGCTTGT
CTTGAGAAACCTTGTACCTGAGGCTCACTCACTGATTCCGACAGCTTCCAGAAGGTGTTCTGAAGTGA
GGCTCCTGGTGGCAGTAAAGACGATGAAAGAGTTCAGCTTTGAATCTGCTGATCTGCTTAGTTAGCAG
GTATTTTGATCAACGTGATTTAGCTGATGAGCCATCT

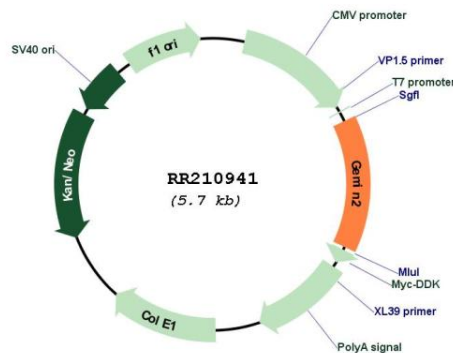
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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- 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_053389.1](#), [NP_445841.1](#)
- RefSeq Size:** 1350 bp
- RefSeq ORF:** 810 bp
- Locus ID:** 84404
- UniProt ID:** [Q9QZP1](#)
- Cytogenetics:** 6q23
- MW:** 30.9 kDa
- Gene Summary:** interacts with SMN (survival of motor neuron protein) [RGD, Feb 2006]

Product images:



Circular map for RR210941