

Product datasheet for **SC208845**

Gemin 3 (DDX20) (NM_007204) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	Gemin 3
Synonyms:	DP103; GEMIN3
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PSI00062)
ACCN:	NM_007204
Insert Size:	1131 bp
Insert Sequence:	>SC208845 3'UTR clone of NM_007204 The sequence shown below is from the reference sequence of NM_007204. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
CTACAAGAAATGATGCATAGTAACCAAGATTATAGGATATACCTGAGACCATCAGGAACGTCAACAA
ATGATACCTTTGGATATCCATCCTCCTCGACTTATAGTACAGTGGTGTATAGTGGCATTCTGATAAAC
TTGAAAAGACTTGAGTCTTTCCACTGGGACACATCCATTTTCAGATTGTTTTGATTAGGCCAGGTAT
ATTATCTTCATTTTAAAGAGTTTCTTTAAGAACTTCATCAGATTGTTGAAAGATAATTTTGGGACAT
AGAGCTGAAAAGTTTCAGGGTGCCATTTTCTATAAGATCTTCCAAAAGAAACATTTAAAAGATGACAT
ATACCACCACTTACTTAAAAACAATAAAAGCAATAGATTTGATTAGTAATATTATTGCTGTGGAGTTCT
TTACAAAGGGCTTAGGCTGCATTTCTTCTATAGAGGTGCATTCTGTAGAAAATTTGATGCATGGTAGA
TCAGAAAATCCTCTTAGGTTTTAGGCAGGAAGGAATATTTAAACATTGCTTTAGATTTTCCTAAAGGTA
TTTGATTTGATCTGTTAGCTTCCAGTAAAAATATTTGTTTTAGTAAAAACAAATTTAAATATATTTAC
ATGTTTGTGTTTATCTTTGAATGTCTTTGAGGCTGTGAAAGCTGTCCACATTTTGTGCTGTATTA
AATAGCTGTGGTCATCAGTTGCTGTCTTACTTGTGTGCTCAGATAGAGGAGCAGCTCTTAATCTTTT
TTGGTTCTTGGATCCTTTTATGAATCAGCTGATAGCTATAGATTGACTTCAGGAAATTTCTCATTCCAT
AAGCACAGAATTGTGAGTGTAATTTCAAGGGGTTTCATAGACCCTCTGAAGTTCATCTATACAGTCCAGA
TTAACAAGTGACCTGCTCTGCTGGTAGGCTAGGGGAAGTTCTAGCTCTTAGTTTAAAGTATTTTGTGGA
AGCTGGAATTGATTCTCTCAGACACTTCTAGTACATCCTAATTTTGTGCTTCTAGAAAATTTCCC
CAGTTTTTACCTCTAATGTTAGGATCCAAGAGGAGCTTGGATCTGAGCTGATGCATCTGTAAATTACGA
TTTAGAAAAATATAATTGGAATTACA
ACGCGTAAGCGGCCGCGCATCTAGATTGCAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites:	Sgfl-Mlul
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_007204.5</u>
Summary:	DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein, which has an ATPase activity and is a component of the survival of motor neurons (SMN) complex. This protein interacts directly with SMN, the spinal muscular atrophy gene product, and may play a catalytic role in the function of the SMN complex on RNPs. [provided by RefSeq, Jul 2008]
Locus ID:	11218
MW:	43.7