

Product datasheet for **SC216624**

DDX58 (NM_014314) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	DDX58 (NM_014314) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	DDX58
Synonyms:	RIG-I; RIG1; RIGI; RLR-1; SGMRT2
ACCN:	NM_014314
Insert Size:	1850 bp



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Insert Sequence: >SC216624 3'UTR clone of NM_014314
The sequence shown below is from the reference sequence of NM_014314. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGCGATCGCC
CCATTTGATCCAGCAGAAATGTCCAAATGATATCAGGTCCTCAATCTTCAGCTACAGGGAATGAGTAAC
TTTGAGTGGAGAAGAAACAAACATAGTGGGTATAATCATGGATCGCTTGACCCCTGTGAAAATATATT
TTTTAAAAATATCTTTAGCAGTTTGTACTATATTATATGCAAAGCACAAATGAGTGAATCACAGCAC
TGAGTATTTTGTAGGCCAACAGAGCTCATAGTACTTGGGAAAAATTA AAAAGCCTCATTTCTAGCCTTC
TTTTTAGAGTCAACTGCCAACAAACACACAGTAATCACTCTGTACACACTGGGATAGATGAATGAATGG
AATGTTGGGAATTTTTATCTCCCTTTGTCTCCTAACCTACTGAACTGGCTTTTGCCCTTAACAATC
TACTGAAATTGTTCTTTGAAGTTACCAGTGACTCTGGTTGCCAAATCCACTGGGCACTTCTAACCT
TCTATTTGACCTCTGCGCATTTGGCCCTGTTGAGCACTCTTCTGAAGCTCTCCCTGGGCTTCTCTCTC
TTCTAGTTCTATTCTAGTCTTTTTTTATTGAGTCTCCTCTTTGCTGATCCCTTCCAAGGTTCAATAT
ATATACATGTATATACTGTACATATGTATATGTAACATAATACATACATACAGGTATGTATATGTAAT
GGTTATATGTAATCATGTTCTGGTGTAGCAACGTGTGGTATGGCTACACAGAGAACATGAGAACATAA
AGCCATTTTTATGCTTACTACTAAAAGCTGTCCACTGTAGAGTTGCTGTATGTAGCAATGTGTATCCAC
TCTACAGTGGTCAGCTTTTAGTAGAGAGCATAAAAATGATAAAAATACTTCTTGAAAACCTAGTTTACTA
TACATCTTGCCCTATTAATATGTTCTCTAACGTGTGCCATTGTTCTCTTTGACCATTTTCTATAATG
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TGACTGTCCCTTTCTACTTGAAAGATTAGAATATGTATCCAAATGGCATTACAGTGTCACTTAGCAAGGT
TTGCTGATGCTTCAAAGAGCTTAGTTTGGCGTTTCTGGACGTGGAACAAGTATCTGAGTCCCTGGA
GATCAACGGGATGAGGTGTACAGCTGCCTCCCTCTTCATGCAATCTGGTGAAGCAGTGGTGCAGGCGGG
GAGCCAGAGAACTTGCCAGTTATATACTTCTCTTTGGCTTTTCTTCATCTGTAAAACAAGGATAATA
CTGAAGTGTAAAGGTTAGTGGAGAGTTTTTAATTA AAAAGAATGTGTGAAAAGTACATGACACAGTAGTT
GCTTGATAATAGTTACTAGTAGTAGTATTCTTACTAAGACCCAATACAAATGGATTATTTAAACCAAGT
TTATGAGTTGGTTTTTTTTCTATTTCTATTTGATTTTATTAAGAGTGTCTTTTCTATGTGATTTTTT
TTAATTGCTATTTGATATGGTTTGGCTATATGTCCCCACCCAAATCTCATCTTGAATTATAATCCCAT
GTGTCAAGGGAGGACCTGACGGGAGGTGATTGGATCACGGGGCAGTTGTCCCATGCTGTTCTTGGG
ATAGTGAGTTAGTTCTCATGAGATCTGATGTTTTATAAGTGTGTTGACAATTCCTCTTTACACACACT
CTCTCTCATCTGCTGCCATGTAAGACTTGCCTGCTTCCCTTCTGCCATGATTGTAAGTTTCTGAG
GCCTCCTCAGCCATGTGGAAGTGTGAATCTATTAAGCCTCTTTTCTTTATAAATGA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-MluI

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.

RefSeq: [NM_014314.4](#)

Summary: DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases which are implicated in a number of cellular processes involving RNA binding and alteration of RNA secondary structure. This gene encodes a protein containing RNA helicase-DEAD box protein motifs and a caspase recruitment domain (CARD). It is involved in viral double-stranded (ds) RNA recognition and the regulation of the antiviral innate immune response. Mutations in this gene are associated with Singleton-Merten syndrome 2. [provided by RefSeq, Aug 2020]

Locus ID: 23586

MW: 71