

Product datasheet for **SC314469**

DHX35 (NM_021931) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DHX35 (NM_021931) Human Untagged Clone
Tag:	Tag Free
Symbol:	DHX35
Synonyms:	C20orf15; DDX35; KAIA0875
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC314469 representing NM_021931.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTGCACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGCTGCGCCCGTGGGACCGGTGAAGTTCTGGCGACCGGTACAGAGGGGCCAGGTGTAAGCATCTCT
GAAGAGAGACAAAGTCTGGCTGAAACTCTGGGACAACGGTTGTTACAACCTTATGCTGCCCTTTCC
ATAGAGCAGCAGAGGCAGAAGCTGCCGGTATTCAAGCTTAGGAATCATATTTTATACTTGATAGAAAAT
TATCAGACAGTGGTGATTGTTGGTGAAACAGGATGTGGGAAGAGCACACAGATTCTCAGTACCTTGCA
GAAGCCGGCTGGACAGCTGAAGGAAGAGTGGTAGGAGTGACCCAGCCTCGAAGAGTGGTGCTGTTACA
GTTGCAGGGAGAGTAGCTGAAGAAAGGGGTGCAGTGTGGGCCACGAGGTGGGCTACTGCATCCGCTTT
GATGACTGCACCGACAGCTGGCCACGAGAATTAAGTTTCTTACTGATGGAATGCTGGTCAGGGAATG
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AATCCCAGGACAGCTATTGAATGCTTGGTGGTGGTCCAGTCTCCAGGCATCAGCTAATCAGCGAGCA
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GCAGAGTTTCTTTGAATCCCATGTTTGCCAAATGCTGCTTGAATCAGGAACTTCGGCTGTTCTCAG
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CACGCAATTCGAGTGACCGTAAATTTGCTGTGGAGGAGGGCGACCACCTCACTATGCTCAATATATAT
GAAGCATTTATCAACACAATAAGGACTCTAAATGGTGTGAGAACATTTCTGAATTACAAGGCTCTT
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CATTCTACTGGAGCTTATAGGACCATCCGTGATGACCATGAGCTGCACATACACCCTGCGTCAGTCCTC
TATGCAGAGAAGCCGCTCGCTGGGTCTATATAACGAAGTTATACAGACCTCCAAGTACTACATGAGA
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CTGTCTCTGAAAGCCAAAGGGCCAAGTCCAGGACCCGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI
ACCN: NM_021931
Insert Size: 2112 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).

OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_021931.3</u>
RefSeq Size:	3336 bp
RefSeq ORF:	2112 bp
Locus ID:	60625
UniProt ID:	<u>Q9H5Z1</u>
Cytogenetics:	20q11.23-q12
Domains:	DEAD, helicase_C, HA2
MW:	78.9 kDa
Gene 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 the DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. The function of this gene product which is a member of this family, has not been determined. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jun 2010] Transcript Variant: This variant (1) encodes the longer isoform (1).