

Product datasheet for **SC126466**

DHX30 (BC015029) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DHX30 (BC015029) Human Untagged Clone
Tag:	Tag Free
Symbol:	DHX30
Synonyms:	DDX30; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 30; DEAH (Asp-Glu-Ala-His) box polypeptide 30; FLJ11214; KIAA0890; Ret-CoR; retina co-repressor
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC015029 edited

```

CGCGGCTCATGCGGGTGCACAGAGGCTTGTTTACATCTGTAACAACAGGAGGAGGCC
AGCCTCGTGATGAGGAATAGCAAGGAGAGAATTCAGCTCCAGTTCAAAGCCTACAAAAT
CTGAGACTGTCTATTGCTTTTATAAGGATTCCAGCTTTCCCTCCTGGCCAGAAATGTTCCAG
CCTGGACTCATTAGAAAAGATCGGGCCAGCACAGGCAGCGTCAGTGCAAACCTCCCCC
ACCCCGCCTTCCACCCATGTGTGTCAACCCTACCCAGGAGGGACCATCTCTCGAGGCTG
AACGTTAACATTTCCAACATGGCAGCTTCTAGGGACCTATTAAGAGATTCCACAGCCC
AAAAATCTTCTCAACAGTGTGATTGGAAGAGCCCTCGGCATCTCACATGCAAAAGACAAA
CTAGTCTACGTGCACACAAATGGACCGAAGAAAAAGAAAGTCACACTGCACATAAAATGG
CCCAAGAGCGTGGAGGTAGAAGGCTATGGCAGCAAGAAGATCGATGCTGAGCGGCAGGCT
GCAGCTGCAGCCTGCCAGCTGTTCAAGGGTTGGGGTCTGCTAGGTCGCCGAATGAGTTG
TTTGACGCAGCCAAATACCGAGTGTAGCTGATCGCTTTGGCTCCCTGCCGACAGCTGG
TGGCGTCCGGAACCCACCATGCCCTACTTCTGGCGGCAGCTGAATCCAGAGAGTATT
CGACCAGGGGACCTGGGGCCTATCCCGCTTTTAGGCCGGAAGAAGAGGAGGACGAG
GAGGAAGAGCTAGAAGAAGGGACCATAGATGTTACCGACTTCTTGTCCATGACCCAGCAG
GATTTCCACGCTCCACTCAGGGACTCAAGGGGAGTTCCTTTGAGATGACAGATGACGAC
AGTGCCATTAGGGCTCTGACCCAGTTTCCACTTCCAAGAACCTTCTGGCCAAGGTGATT
CAGATTGCAACGTATCTCCACAGCTAAGAACCTCATGCAGTTCATACTGTGGGCACC
AAGACCAAGCTGTCTACACTCACCTGCTCTGGCCCTGCCCATGACCTTTGTTGCCAAA
GGGCGCCGCAAAGCAGAGGCTGAGAATAAGGCGGCAGCCTTGGCTGCAAGAACTGAAG
AGCCTGGCCCTGGTGGACAGGAACAACGACCGCTTACACACGCCATGTATAACCTGGCC
TCTTTGCGTGAGCTGGGTGAGACCCAGCGCCGACCATGCACCATCCAGGTGCCCGAGCCC
ATCCTCCGCAAGATAGAGACCTTCTGAAACCTTACCCTGTGGAGAGTTCATGGATCGCC
CCAGAACTCCGGCTGCAGAGTGATGACATCTTGCCTTGGGAAGGACTCAGGGCCTCTG
AGTGACCCATACAGGCAAGCCCTATGTGCCCTGTTGGAAGCAGAGGAGGTACGTCTC
AGCCAGAGTCTGCTAGAAGTGTGGCGGGCGGAGGGCCGGTCTGGCAGGAGGCCCCAG

```



[View online >](#)

CTACCTGTGGACCCACATCGGGACACCATCCTCAACGCCATTGAGCAGCACCCGGTGGTG
GTCATCTCTGGGGACACGGGCTGTGGGAAGACCACGCGCATCCCCAGCTGTTGCTGGAG
CGCTATGTGACCGAGGGCCGAGGTGCCCGCTGCAATGTTATCATCACCCAACCTCGCCGC
ATCTCTGCTGTGTCTGTGGCACAGCGGGTCAGCCACGAACTGGGCCCTCCCTGCGCCGG
AATGTGGGCTTCCAGGTGCGGTTGGAAAGTAAGCCCCATCCCGAGGCGGGGCCCTGCTC
TTCTGCACTGTGGGTATCCTGCTGCGTAAGCTGCAGAGCAACCCAGCCTGGAGGGCGTG
AGCCACGTCATCGTGGATGAGGTGCATGAGCGGGACGTGAACACAGACTTCTGCTGATC
CTGCTCAAGGGCCTGCAGCGGCTCAACCCGGCCCTGCGGCTGGTCTCATGAGTGCCACA
GGGGACAATGAGCGCTTCTCCCGATACTTTGGTGGCTGCCCGTCATCAAGGTGCCTGGC
TTCATGTACCCAGTCAAGGAGCACTACCTAGAGGACATCCTGGCCAAGTTGGGAAGCAC
CAGTACCTGCACCGGCACCGGCACCATGAGTCTGAGGATGAATGCGCACTCGATTTGGAC
CTTGACTGATCTGGTTCTGCACATCGATGCTCGCGGGAAACCAGGTGGGATCCTGTGC
TTCCTGCCTGGGTGGCAGGAGATCAAAGGAGTGCAGCAGCGCCTCCAGGAGGCCCTGGG
ATGCACGAGAGCAAGTACCTCATCCTGCCAGTGCCTCAACATCCCATGATGGATCAG
AAGGCCATATTCCAGCAGCCTCCAGTTGGGGTGCAGCAAGATTGTCTTGGCCACCAACATT
GCTGAGACTTCCATCACAAATCAATGACATCGTGCATGTGGTGGACAGTGGGCTGCACAAG
GAAGAACGCTATGACCTGAAGACCAAGGTGCCTGCCTGGAGACAGTGTGGGTATCAAGA
GCCAATGTGATCCAGCGCCGGGGCCGGGCGGGCCGCTGCCAGTCCGGCTTTGCCTACCAC
TTGTTCCCTCGAAGCCGGCTGGAGAAAATGGTCCCTTTCCAAGTGCCAGAGATCCTGCGC
ACACCTTTGAGAACCTGGTGTGCAAGCGAAAATCCACATGCCTGAGAAGACGGCGGTG
GAGTTCCTGTCCAAGGCTGTGGACAGTCCAACATCAAGGCAGTGGACGAGGCTGTGATC
TTGCTCCAGGAGATCGGGGTGCTGGACCAGCGGGAGTACCTGACTACCCTGGGGCAGCGC
CTGGCTCACATCTCCACCGACCCCGGTTGGCCAAGGCCATTGTGTTGGCTGCCATCTTC
CGTTGCCTGCACCCACTACTGGTGGTCTTTCTGCCTCACCCGGGACCCCTTCAGCAGC
AGCCTACAGAACCGGGCAGAGGTGGACAAGGTGAAGCACTGTTGAGCCATGACAGCGGC
AGTGACCACCTGGCCTTTGTGCGGGCTGTGCGCGGCTGGGAGGAGGTGCTGCGTTGGCAG
GACCGCAGCTCCCGGGAGAATTACCTGGAGGAAAACCTGCTGTACGCACCCAGCCTGCGC
TTCATCCACGGACTCATCAAGCAGTTCTCAGAGAACATTTATGAGGCCTTCTGGTGGGG
AAGCCCTCGGACTGCACCCTGGCCTCCGCCAGTGAACGAGTACAGTGAAGGAGGAGGAG
CTGGTGAAGGGCGTGCTGATGGCCGGCCTTACCCCAACCTCATCCAGGTGAGGCAGGGC
AAGGTCACCCGGCAGGGGAAGTTCAAGCCCAACAGCGTCACATATAGGACCAAATCAGGC
AACATCCTGCTGCACAAGTCGACCATTAACAGGGAGGCCACACGTTACGGAGCCGATGG
CTGACGTATTTATGGCAGTCAAGTCCAATGGCAGCGTCTTCGTCCGGGACTCCTCTCAG
GTGCACCCGCTAGCTGTGCTGCTGCTGACCGACGGGGACGTGCACATCCGTGATGACGGG
CGCCGGGCCACCATCTCACTGAGCGACAGTACCTGCTGCGGCTGGAGGGTGACTCGCGT
ACCGTGCAGGCTGCTGAAGGAGCTGCGGCGGGCCCTGGGCCGATGGTGGAGCGGAGCCTG
CGCAGCGAGCTGGCTGCACCTCCCCCAGCGTACAGGAGGAGCACGGGCAGCTGCTTGGC
CTACTGGCAGAGCTGCTGCGAGGACCCTGTGGCAGCTTTGATGTGCGCAAGACAGCTGAC
GACTGAGCCCTGCTTCTGCTGGGGCTGTGTACAGAGTCAAATGTTTATTTAAAAATAAAG
TTCTATTTATCCCTTGTGAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence:	>OriGene 5' read for BC015029 unedited CCCCCCGCATCAGGATTTGTAATACGACTTACTATGAGGGCGGACCGCGNAATTCAGAA TCTNNGGTACCGGTCCGGTAATTCGCGGATATCGTCGACCCACGCGTCCGCGCGGCTCA TGCGCGGTGCACAGAGGCTTGTTCACATCTGTAACAACAGGAGGAGGCCAGCCTCGTG ATGAGGAATAGCAAGGAGAGAATTCAGCTCCAGTTCAAAAGCCTACAAAATCTGAGACTG TCATTGCTTTTATAAGGATTCAGCTTTCCTCCTGGCCAGAAATGTTTCAGCCTGGACTC ATTCAGAAAAGATCGGGCCAGCACAGGCAGCGTCAGTGCAAACCTCCCCACCCCGCCT TCCACCCATGTGTGCAACCCTACCCAGGAGGACCATCTCTCGAGGCTGAACGTTAAC ATTTCCAACATGGCAGCTTCTAGGGACCTATTAAGAGTTCCACAGCCAAAAATCTT CTCAACAGTGTGATTGGAAGAGCCCTCGGCATCTCACATGCAAAAAGACAACTAGTCTAC GTGCACACAAATGGACCGAAGAAAAAGAAAGTCACACTGCACATAAAATGGCCCAAGAGC GTGGAGGTAGAAGGCTATGGCAGCAAGAAGATCGATGCTGAGCGGCAGGCTGCAGCTGCA GCCTGCCAGCTGTCAAGGGTTGGGGTCTGCCTAGACCCCGGGATGAGTTGTTTGACGCA ACCAAAAACCGAGTGCTAGCTGATCGCTTTGGGCTCCATTTGACCGCTGTAGGCGTC CGGAACCCACCCATGGCGCCTGACTTCTGGGCGGACCCCTGAAATCCAGTAGAATTTTC CAACACAGGGGACCTTGGGGCCTAATCCCCTCTTTTAGGCACGGGAAACACAAG
Restriction Sites:	Please inquire
ACCN:	BC015029
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).
Reconstitution Method:	<ol style="list-style-type: none"> 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:	BC015029.1 , AAH15029.1
RefSeq Size:	3876 bp
Locus ID:	22907
Cytogenetics:	3p21.31

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 this DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. The family member encoded by this gene is a mitochondrial nucleoid protein that associates with mitochondrial DNA. It has also been identified as a component of a transcriptional repressor complex that functions in retinal development, and it is required to optimize the function of the zinc-finger antiviral protein. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Feb 2013]