

Product datasheet for **SC337922**

DHX8 (NM_001302623) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DHX8 (NM_001302623) Human Untagged Clone
Tag:	Tag Free
Symbol:	DHX8
Synonyms:	DDX8; Dhr2; HRH1; PRP22; PRPF22
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001302623, the custom clone sequence may differ by one or more nucleotides

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ATGGCTGTGGCTGTAGCCATGGCGGGAGCCTTAATCGGGTCGGAGCCAGGCCCCGCGGAAGAACTTGCCA
AACTCGAGTACCTGTCTTTGGTGTCAAAGTTTGCAGTGGACAATCACTTGGGGATCAACGACAA
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GTTGCTGTGGATGTCCTGAAAGAACTGGAAGCTTAAATGCCAGCGCAGCAGGCCAGGAGAAGCAAAGAG
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AGGACCCGGGAGAGGAATAAAGTGAAGTCTAGATATCGGTCCAGGAGCAGGAGTCAGAGTCCCCCAAAG
ACCGGAAGGACCGGGACAAATAAGGAGCGGAATCTGGATAGATGGCGGGATAAGCATGTGGACCGCCC
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TTTGTGCAGCTGGAAGGACTAAGGAAGCGGTGGGAAGGCCTGGTGACATCTCTGAGCTCCGCGGGAGG
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CAGGCCAGCGGGAAGCTGAGATGGATTCTATTCCATGGGACTCAACAAACACTGGGTTGACCCTCTGC
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GTGGAAGAAGCATGCCTTTGGGGCAACAAAGCCTCTTACGGAAGAAAGACCCAGATGTCAATCCTTGAG
 CAGAGGGAGAGCCTGCCCATCTACAACTGAAGGAGCAATTGGTCCAGGCCGTCCATGACAATCAGATCC
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 CTGAAACAGTCATCAAGTACATGACAGATGGGATGTTGCTTAGAGAGTGCCTTATTGACCCTGACCTCAC
 TCAGTACGCGATCATCATGTTGGACGAGGCACATGAGAGGACAATTCACACTGATGTGCTCTTTGGATTG
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 TGCAGATCAGAAGAAGGCCAAATTCACCAGACTGAAGGGGACCACCTCACCTGCTAGCTGTGTACAAC
 TCCTGGAAGAACAACAAGTTCTCAACCCATGGTGTCTATGAGAATTTATCCAGGCTCGTCCCTGCCGCC
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 GACAGCCAGAATGCCAAAGCACTTCTCCCTGTGGTGTGCTGTAGCTGTCTCATTGGAGCAGTGCCTCTC
 CAAGTTTGAGGATTTGAACAAAGAACTGGGACTGGTGACTTGTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001302623
- 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:**
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_001302623.1](#), [NP_001289552.1](#)
- RefSeq Size:** 3875 bp

RefSeq ORF: 3546 bp

Locus ID: 1659

UniProt ID: [Q14562](#)

Cytogenetics: 17q21.31

Protein Pathways: Spliceosome

Gene Summary: This gene is a member of the DEAH box polypeptide family. The encoded protein contains the DEAH (Asp-Glu-Ala-His) motif which is characteristic of all DEAH box proteins, and is thought to function as an ATP-dependent RNA helicase that regulates the release of spliced mRNAs from spliceosomes prior to their export from the nucleus. This protein may be required for the replication of human immunodeficiency virus type 1 (HIV-1). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2014]