

Product datasheet for SC111745

DDX39 (DDX39A) (NM_005804) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: DDX39 (DDX39A) (NM_005804) Human Untagged Clone
Tag: Tag Free
Symbol: DDX39
Synonyms: BAT1; BAT1L; DDX39; DDXL; URH49
Mammalian Cell Selection: None
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_005804 edited
 GAATTCGGCACGAGGCCGAAGTTGGAAGTGTCTCTTAGCAGCGCGGAGAAGAACGGGG
 AGCCAGCATCATGGCAGAACAGGATGTGGAAAACGATCTTTGGATTACGATGAAGAGGA
 AGAGCCCCAGGCTCCTCAAGAGAGCACACCAGCTCCCCCTAAGAAAGACATCAAGGGATC
 CTACGTTTCCATCCACAGCTCTGGCTTCCGGGACTTTCTGCTGAAGCCGGAGCTCCTGCG
 GGCCATCGTGGACTGTGGCTTTGAGCATCCTTCTGAGGTCAGCATGAGTGCATTCCCCA
 GGCCATCCTGGGCATGGACGTCTGTGCCAGGCCAAGTCCGGGATGGGCAAGACAGCGGT
 CTTCTGTCTGGCCACCCTACAGCAGATTGAGCCTGTCAACGGACAGGTGACGGTCTGGT
 CATGTGCCACACGAGGGAGCTGGCCTTCCAGATCAGCAAGGAATATGAGCGCTTTTCCAA
 GTACATGCCCAGCGTCAAGGTGTCTGTGTTCTTCGGTGGTCTCTCCATCAAGAAGGATGA
 AGAAGTGTGAAGAAGAACTGTCCCATGTCGTGGTGGGACCCCGGGCCGCATCCTGGC
 GCTCGTGCAGAAATAGGAGCTTACGCCTAAAGAATGTGAAGCACTTTGTGCTGGACGAGTG
 TGACAAGATGCTGGAGCAGCTGGACATGCGGCGGGATGTGCAGGAGATCTTCCGCCTGAC
 ACCACACGAGAAGCAGTGCATGATGTTACGCGCCACCCTGAGCAAGGACATCCGGCTGT
 GTGCAGGAAGTTCATGCAGGATCCCATGGAGGTGTTTGTGGACGACGAGACCAAGCTCAC
 GCTGCACGGCCTGCAGCAGTACTACGTCAAACCTCAAAGACAGTGAGAAGAACCAGCT
 CTTTGATCTCTGGATGTGCTGGAGTTTAAACAGGTGATAATCTTCGTCAAGTCAAGTCA
 GCGCTGCATGGCCCTGGCCAGCTCCTCGTGGAGCAGAAGTCCCGGCCATCGCCATCCA
 CCGGGCATGGCCAGGAGGAGCGCCTGTCAGCTATCAGCAGTTCAAGGATTTCCAGCG
 GCGGATCCTGGTGGCCACCAATCTGTTTGGCCGGGGATGGACATCGAGCGAGTCAACAT
 CGTCTTTAACTACGACATGCCTGAGGACTCGGACACCTACCTGCACCGGGTGGCCCGGGC
 GGGTGCCTTTGGCACAAAGGCCTAGCCATCACTTTTGTGCTGACGAGAATGATGCCAA
 AATCCTCAATGACGTCCAGGACCGGTTTGAAGTTAATGTGGCAGAAGTCCAGAGGAAAT
 CGACATCTCCACATACATCGAGCAGAGCCGTAACCAACAGTGCAGAGCCGCCACCC
 GGAGCCGCCCGCATGCAGCTTACCTCCCCTTTCCAGGCGCCACTGTTGAGAAGCTAGAG
 ATTGTATGAGAATAAACTTGTATTATGGAAGCCTGAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAACTCGAC



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_005804 unedited GGTTCANATTTGTATACGACTCATATAGGCGGCCGCGCAATTCGCACGAGGGCCGAAGTT GGAAGTGTCTCTTAGCAGCGCGCGGAGAAGAACGGGGAGCCAGCATCATGGCAGAACAGG ATGTGGAAAACGATCTTTTGGATTACGATGAAGAGGAAGAGCCCCAGGCTCCTCAAGAGA GCACACCAGCTCCCCCTAAGAAAAGACATCAAGGGATCCTACGTTTCCATCCACAGCTCTG GCTTCCGGGACTTTCTGCTGAAGCCGGAGCTCCTGCGGGCCATCGTGGACTGTGGCTTTG AGCATCCTTCTGAGGTCCAGCATGAGTGCATTCCCCAGGCCATCCTGGGCATGGACGTCC TGTGCCAGGCCAAGTCCGGGATGGGCAAGACAGCGGTCTTCGTGCTGGCCACCCTACAGC AGATTGAGCCTGTCAACGGACAGGTGACGGTCCTGGTCATGTGCCACACGAGGGAGCTGG CCTTCCAGATCAGCAAGGAATATGAGCGCTTTTCCAAGTACATGCCCAGCGTCAAGGTGT CTGTGTTCTTCGGTGGTCTCTCCATCAAGAAGGATGAAGAAGTGTGAAGAAGAACTGTC CCCATGTCGTGGTGGGGACCCCGGGCCGCATCCTGGCGCTCGTGCGGAATAGGAGCTTCA GCCTAAAGAAATGTGAAGCACTTTGTGCTGGACGAGTGTGACAAGATGCTGGAGCAGCTGG ACATGCGGCGGGATGTGCANGAGATCTTCCGCCTGACACCACACGAGAAGCAGTGCATGA TGTTCCAGCGCCACCCTGAGCAGGACATCCCGCCTGTGTGCAGGAAGTTCATGCACGATCC CATGGAAGTTGTTTTGTGCACGACCAGCACCAGCTCACGCTGCACGGCCTGCAGCAGTAC TACGTCAAACCTCAAGACG</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_005804 unedited ACTATGAACCCGCGGCCCAATCTANNGATCGGTTTTTTTTTTTTTTTTTTTTTTTTTTTTT TTTAAAGCTCCATAAAAAACAAGTTT TTTTAATAACAATTTTACTTTTTAAACAGGGGCCCTGAAAAGGGGAGGTAACCTGCTT GCGGGCGGTTCCGGGGGGCGGTTTTGGCCGTGGGGGTTCCCGGCTTTGCTCAATGTTT GGGAAATTCCAATTTCTTTGAAAGTTTTGCCACATTAACCTAAAACCGGCCCTGGACG TTATTGAGGATTTTGGCTTTTTTTCGAAAAACAAAAAGTGATGGCTAGGCCTTTGGGG CCAAAAACAACCCCGGCCACCCGGGGCAGGTAGGGGCCAAACCCCTCAGGCTTTTTCG TATTTAAAAACAATGTTACCCCTCGATGCCATCCCCCGGCCAAACAAATTTGGGGGCC CCCAAAACCCCGGCTGAAAATCCTGAACCTGCTAAAACGTAACAGGCCCTTCTTCTGGC CCTTCCCGGGGGGAGGCCAATGCCGAAAATTTGCTCCCAAGAAGTGGGCAGGGCC ATCCCCCTTTTCTTTTTTAAACAAAAATATCCCCGTTAACCTCCCCCCCCAAAAATC AAAAAGTTGGGGGTTTTTCCATGTCTTTAAATTTACACCAACCCCTCTCACCCCCCCC ATAAAACTTTTTTTTTCTTTCCCAACAAACCTCCTTGGGGCCCCCATAACACCCCTCCA AAAGCCGCGATTTCTTCTCCAGGGCTTAAACAAAAATCCCTTCTTTTGGGGTGTGCTC AAAAAACTTTCTCACCCAGTTCTAATAACTCAN</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_005804
Insert Size:	1650 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).
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_005804.2](#), [NP_005795.2](#)

RefSeq Size: 1534 bp

RefSeq ORF: 1284 bp

Locus ID: 10212

UniProt ID: [O00148](#)

Cytogenetics: 19p13.12

Domains: DEAD, helicase_C

Gene Summary: This gene encodes a member of the DEAD box protein family. These proteins are characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD) and 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. This gene is thought to play a role in the prognosis of patients with gastrointestinal stromal tumors. A pseudogene of this gene is present on chromosome 13. Alternate splicing results in multiple transcript variants. Additional alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known. [provided by RefSeq, Sep 2013]

Transcript Variant: This variant (1) represents the longer transcript.