

Product datasheet for **MG226478**

Dhx15 (NM_001042620) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dhx15 (NM_001042620) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Dhx15
Synonyms:	DBP1; Ddx15; DEAH9; HRH2; mDEAH9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG226478 representing NM_001042620
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCAAGAGGCATCGGTTGGACCTGGGGAGGATTACCCCTCCGGCAAGAAGCGTGCGGGGACCGATG
 GGAAAGACCGGGAACGAGATCGGGATAGAGAGGACCGATCTAAAGATCGTGACCGAGAACGTGATAGAGG
 AGACAGAGAACCGGAGAGGGAAAAAGAAAAAGAAAAAGAATTGAGAGCTTCCACCAATGCTATGCTTATC
 AGTGCTGGATTGCCACCTTTAAAGCTTCTCATTAGCTCACTCAACCCACTCGGCTCATTCAACACATT
 CTACACATTCTGCCACTCAACACACACTGGACACACAGGACACACATCACTTCCACAGTGCATTAATCC
 ATTCACCAACCTGCCCATACTCCTCGATACTATGATATTCTAAAGAAACGACTTCAGCTCCCTGTATGG
 GAATAACAAGGATAGATTTACAGATATTCTTGTAGACATCAGTCAATTTGACTTGTGGTGAGACTGGGT
 CTGGTAAAACAACACAGATACCACAGTGGTGTGTGGAGTATATGCGATCCTTGCCAGGACCCAAAAGAGG
 AGTCGCCTGTACACAGCCAGGAGAGTGGCTGCAATGAGTGTGGCTCAGAGAGTTGCTGATGAGATGGAC
 GTGATGTTAGGCCAGGAAGTTGGATACTCCATTGATTGAAAGACTGCAGTAGTGCAAAAACCATTTCTTA
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 AGAGAGAGATTATCTTGAAGCAGCAATTCGGACAGTGTCCAAATACATATGTGTGAAGAGGAGGAAGGA
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 TGAAGAAGCTTGGTATTGATGACTTGGTACACTTTGATTTTATGGACCCACCAGCTCCTGAAACTCTGAT
 GAGAGCCCTAGAATTTGAATTTTGGCTGCTTTAAATGATGATGGAGATCTGACTGAATTTGGGATCC
 ATGATGGCAGAGTCCCTTTAGATCCACAGCTCGCTAAAATGGTTATTGCAAGTTGTGACTACAAGTGT
 CTAAATGAGGTCTATCTATTACTGCTATGTTGTCAGTCCACAGTGTGTTGTTCCGCCACGGAGGCCAA
 GAAAGCTGCAGATGAGGCCAAGATGAGATTTGCCACATAGATGGAGATCATCTGACACTGCTGAATGTC
 TACCACGCTTTTAAACAAAATCATGAATCTGTTCAAGTGGTGTATGACAATTCATTAACCTACCGGTCCC
 TGATGTCTGCAGACAATGTACGCCAGCAGCTATCAAGAATTATGGACAGATTTAATTTGCTCGTCAAG
 TACTGATTTACAAGCAGGGACTATTATATAATAAAGAAAAGCTTTGGTACTGGGTATTTTATGCAA
 GTAAGTAGT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG226478 representing NM_001042620
 Red=Cloning site Green=Tags(s)

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MSKRHRLDLGEDYPSGKKRAGTDGKDRERDRDREDRSKDRDRERDRGDREREREKEKEKELRASTNAML I
SAGLPLKASHSAHSTHSAHSTHSTHSAHSTHTGHTGHTSLPQCINPFTNLPHTPRYDILKRLQLPVW
EYKDRFTDILVRHQSFVLVGETSGSKTTQIPQWCVEYMRSLPGPKRGVACTQPRRVAAMSAQ RVADEM D
VMLGQEVGYSIRFEDCSSAKTILKYMTDGMLLREAMNDPLLERYGVIIILDEAHERTLATDILMGVLKEVV
RQRSDLKIVMSATLDAGKFQIYFNCPLLTIPGRTHPVEIFYTPEPERDYLEAAIRTVIQIHMCEEEEG
DLLLLFLTGQEEIDEACKRIKREVDDLGPVEVDIKIIPLYSTLPPQQQRIFEPKPKQNGAIGRKVVVS
TNIAETSLTIDGVVVIDPGFAKQKVNPRIRVESLLVTAISKASAQQRAGRAGRTRPGKCFRLYTEKAY
KTEMQDNTYPEILRSNLGSVVLQLKKLGIDDLVHFDMDPPAPETLMRALELLNYLAALNDGDGDLTELGS
MMAEFPLDPLAKMVIASCDYNCSNEVLSITAML SVPQCFVRPTEAKKADEAKMRF AHIDGDHLLLN V
YHAFKQNHESVQWCYDNFINYRSLMSADNVRQQLSRIMDRFNLPRRSTDFTSRDYYINIRKALVTGYFMQ
VSS
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TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001042620

ORF Size: 2109 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001042620.2](#), [NP_001036085.1](#)

RefSeq Size: 2982 bp

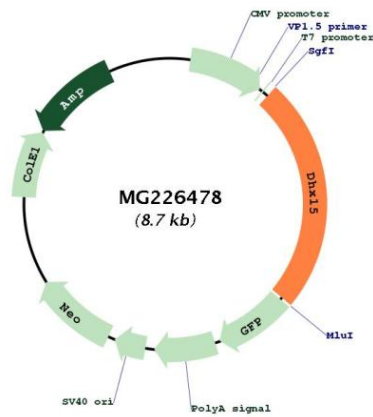
RefSeq ORF: 2112 bp

Locus ID: 13204

Cytogenetics: 5 C1

Gene Summary: Pre-mRNA processing factor involved in disassembly of spliceosomes after the release of mature mRNA. In cooperation with TFIP11 seem to be involved in the transition of the U2, U5 and U6 snRNP-containing IL complex to the snRNP-free IS complex leading to efficient debranching and turnover of excised introns (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG226478