

Product datasheet for **RC238532**

DDX52 (NM_001291476) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DDX52 (NM_001291476) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	DDX52
Synonyms:	HUSSY19; ROK1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RC238532 representing NM_001291476
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCATCTGTAGAAGCAAAGTTGAAGACAAAAAGTTCAGAGAGAAAGTAACTAACTCCGGAAAGT
 TGGAGAATCTCAGAAAAGAAAAGATAAACTTCTTGCGGAATAAACACAAAATTCACGTCCAAGAACCGA
 TCTTCCTGACCCAATTGCTACATTTTCAGCAACTTGACCAGGAATATAAAATCAATTCGACTACTTCAG
 AACATTCTAGATGCAGGTTTCCAAATGCCTACGCCAATCCAAATGCAAGCCATCCAGTTATGCTGCATG
 GTCGGAACTTCTGGCTTCTGCTCCAATGGATCTGGAAAAACATTAGCTTTTAGCATTCTATTTAAT
 GCAGCTGAAACAACCCGCAAATAAAGGCTTCAGAGCCCTGATTATATACCAACACGAGAAGTTCGCCAGC
 CAGATTCACAGAGAGTTAATAAAAAATTTCTGAGGGAACAGGATTCAGAATACACATGATCCACAAAGCAG
 CAGTGGCAGCCAAGAAATTTGGACCTAAATCATCTAAAAAGTTTGATATCTTGTGACTACTCCAAATCG
 ACTAATCTATTTATTAAGCAAGATCCCCCGGAATCGACCTAGCAAGTGTGAGTGGCTTGTAGTAGAC
 GAATCAGATAAACTGTTTGAAGATGGCAAACTGGGTTTCAGAGACCAGCTGGCTTCCATTTCTCGCCCT
 GCACATCCCAAGGTCGAAGAGCTATGTTCACTGCAACTTTTGCATATGATGTTGAACAGTGGTGCAA
 ACTCAACTGGACAATGTCATCAGTGTGTCCATTGGAGCAAGGAATTCGCAGTAGAAAAGTGTAGAACA
 GAGCTTCTTTTGTGGATCTGAGACCGGAAAACCTTCTGGCCGTGAGAGAAGTGTAAAAAGGGTTTCA
 ATCCACCTGTTCTTGTGTTTGTTCAGTCCATTGAAAGGGCTAAAGAACTTTTTCATGAGCTCATATATGA
 AGGTATTAATGTGGATGTTATTCATGCAGAGAGAACACAACAACAGAGAGATAACACAGTCCACAGTTTC
 AGAGCAGGAAAAATCTGGGTTCTGATTTGTACAGCCTTGCTAGCAAGAGGGATTGATTTTAAAGGTGTA
 ACTTGGTGATCAACTATGACTTTCCAATAGCTCAGTGGAAATATCCACAGGATAGTTCGAAGTGGGA
 AGCAGGGAATAAAGGAAAAGCAATTACATTTTCACTGAGGATGATAAGCCATTATTAAGAAGCGTTGCT
 AATGTTATACAGCAGGCTGGGTGCTGTACCAGAATACATAAAAGGTTTTCAGAAACTACTAAGCAAAC
 AAAAGAAAAGATGATTAAGAAACCATTGGAAAGGGAGAGCATTAGTACAACCTCCAAATGTTTCTTAGA
 AAAAGCTAAGGATAAACAGAAAAAGTCACTGGTCAGAACAGCAAGAAGAAAGTAGCTCTTGAAGACAAA
 AGT

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238532 representing NM_001291476
 Red=Cloning site Green=Tags(s)

MSSVEAKIEDKKVQRESKLTSGKLENLRKEKINFLRNKHKIHVQGTDLDPPIATFQQLDQEYKINSRLQ
 NILDAGFQMPTPIQMQAIPVMLHGRELASAPTGSKTLAFSIPILMQLKQPANKGFRAL IISPTRELAS
 QIHREL IKISEGTGFRIHMIHKAAVAAKKFGPKSSKFDILVTTPNRLIYLLKQDPPGIDLASVEWL VVD
 ESKLFEDGKTGFRDQLASIFLACTSHKVRAMFSATFAYDVEQWCKLNLNDNVISVIGARNSAVETVEQ
 ELLFVGSETGKLLAVRELVKGFNPPVLVVFVQSIERAKELFHELIYEGINVDVIHAERTQQQRDNTVHSF
 RAGKIWVLICTALLARGIDFKGNLVINYDFPTSSVEYIHRIGRTGRAGNKGKAITFFTEDDKPLLRVA
 NVIQAGCPVPEYIKGFQKLLSKQKKMIKKPLERESISTTPKCFLEKAKDKQKQKVTGQNSKKKVALEDK
 S

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

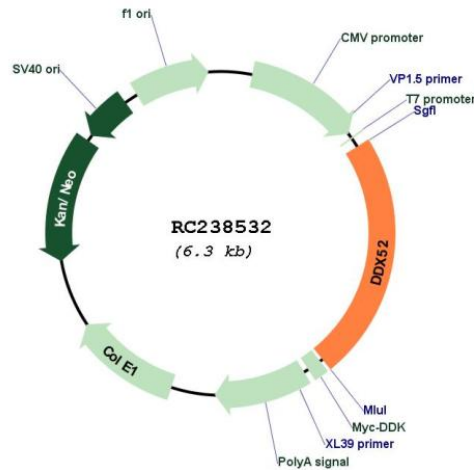
SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

Plasmid Map:


ACCN: NM_001291476

ORF Size: 1473 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_001291476.2](#)

RefSeq Size: 6556 bp

RefSeq ORF: 1476 bp

Locus ID: 11056

UniProt ID: [Q9Y2R4](#)

Cytogenetics: 17q12

MW: 55.6 kDa