

Product datasheet for **RG238532**

DDX52 (NM_001291476) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DDX52 (NM_001291476) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	DDX52
Synonyms:	HUSSY19; ROK1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG238532 representing NM_001291476.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGATCGCC
ATGTCATCTGTAGAAGCAAAGATTGAAGACAAAAAGTTCAGAGAGAAAGTAACTAACTCCGAAAG
TTGGAGAATCTCAGAAAAGAAAAGATAAACTTCTTGGGAATAAACACAAAATTCACGTCCAAGGAAC
GATCTTCTGACCCAATTGCTACATTTTCAGCAACTTGACCAGGAATATAAAATCAATTCTGACTACTT
CAGAACATTCTAGATGCAGGTTTCCAAATGCCTACGCCAATCCAATGCAAGCCATCCAGTTATGCTG
CATGGTCGGGAATTCTGGCTTCTGCTCCAACGGATCTGGAAAAACATTAGCTTTTAGCATTCTTATT
TTAATGCAGCTGAAACAACCCGCAATAAAGGCTTCAGAGCCCTGATTATACCAACACGAGAATT
GCCAGCCAGATTCACAGAGAGTTAATAAAAAATTTCTGAGGGAACAGGATTCAGAATACACATGATCCAC
AAAGCAGCAGTGGCAGCAAGAAATTTGGACCTAAATCATCTAAAAAGTTTGATATTCTGTGACTACT
CCAAATCGACTAATCTATTTATTAAGCAAGATCCCCCGGAATCGACCTAGCAAGTGTGAGTGGCTT
GTAGTAGACGAATCAGATAAACTGTTTGAAGATGGCAAACTGGGTTTCAGAGACCAGCTGGCTTCCATT
TTCTGGCTGCACATCCACAAGGTCCGAAGAGCTATGTTCAAGTCAACTTTTGCATATGATGTTGAA
CAGTGGTGCAAACTCAACCTGGACAATGTCATCAGTGTGCCATTGGAGCAAGGAATTCGCAGTAGAA
ACTGTAGAACAAGAGCTTCTCTTTGTTGGATCTGAGACCGGAAAACCTTCTGGCCGTGAGAGAATTGTT
AAAAAGGTTTCAATCCACCTGTTCTTGTTTTGTTCAGTCCATTGAAAGGGCTAAAGAATTTTTCAT
GAGCTCATATGAAGGTATTAATGTGGATGTTATTCATGCAGAGAGAACACAACAACAGAGAGATAAC
ACAGTCCACAGTTTCAGAGCAGGAAAACTGGGTTCTGATTTGTACAGCCTTGTAGCAAGAGGGATT
GATTTTAAAGGTGTGAACCTGGTGATCAACTATGACTTCCAACCTAGCTCAGTGGAAATATATCCACAGG
ATAGTTCGAACCTGGAAGAGCAGGGAATAAGGGAAAAGCAATTACATTTTCACTGAGGATGATAAGCCA
TTATTAAGAAGCGTTGCTAATGTTATACAGCAGGCTGGGTGTCCTGTACCAGAATACATAAAAGGTTT
CAGAAACTACTAAGCAAAACAAAAGAAAAGATGATTAAGAAACCATTGGAAGGGAGAGCATTAGTACA
ACTCCAAATGTTTCTTAGAAAAAGCTAAGGATAAACAGAAAAGGCTCACTGGTCAGAACAGCAAGAAG
AAAGTAGCTCTTGAAGACAAAAGT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAAAC
```

Protein Sequence:

>Peptide sequence encoded by RG238532
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MSSVEAKIEDKKVQRESKLTSGKLENLRKEKINFLRNKHKIHVQGTDLDPPIATFQQLDQEYKINSRL
QNILDAGFQMPPTPIQMQAIPVMLHGRELASAPTGSGLTAFSIPILMQLKQPANKGFRALIIISPTREL
ASQIHRELIKISEGTGFRIMHIHKAVAACKFGPKSSKFDILVTPNRLIYLLKQDPPGIDLASVEWL
VDESCLKFEDGKTGFRDQLASIFLACTSHKVRRAFMSATFAYDVEQWCKLNDNVISVIGARNSAVE
TVEQELLFVGSETGKLLAVRELVKKGFNPPVLFVQSIERAKELFHELIYEGINVDVIHAERTQQQRDN
TVHSFRAGKIWVLICTALLARGIDFKGNLVINYDFPTSSVEYIHRIGRTGRAGNKGKAITFFTEDDKP
LLRSVANVIQQAGCPVPEYIKGFQKLLSKQKKMIKKPLERESISTTPKCFLEKAKDKQKKVTGQNSKK
KVALEDKS
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYTNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


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).

RefSeq: [NM_001291476.2](#)

RefSeq Size: 6556 bp

RefSeq ORF: 1476 bp

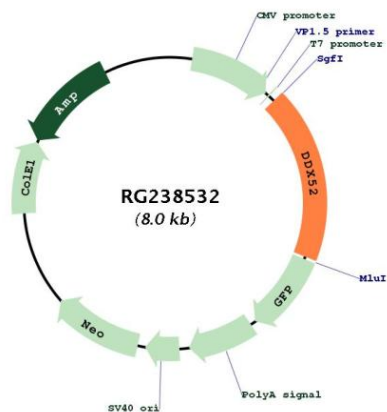
Locus ID: 11056

UniProt ID: [Q9Y2R4](#)

Cytogenetics: 17q12

MW: 55.6 kDa

Product images:



Circular map for RG238532