

Product datasheet for **SC100544**

DDX52 (NM_007010) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DDX52 (NM_007010) Human Untagged Clone
Tag:	Tag Free
Symbol:	DDX52
Synonyms:	HUSSY19; ROK1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC100544 sequence for NM_007010 edited (data generated by NextGen Sequencing)

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ATGGACGTCCACGATCTCTTTCCGCGGCTCGGCGCGGGGCCAAATTCGACACGAGACGC
TTCTCGGCAGACGCAGCTCGATTCCAGATAGGAAAAAGGAAATATGACTTTGATTCTTCG
GAGGTGCTTCAGGGACTGGACTTTTTGGAAACAAGAAGTCTGTCCCAGGTGTGTGTGGA
GCATCACAAAACACATCAGAAGCCCCAAAATGGAGAGAAAAAGAAGAGAGCCTAACTGAA
AGGAAGGGGAGCAGAGCAAGAAAAAAGGAAGACGATGACTTCAGAAATTGCTTCCCAA
GAAGAAGGTGCTACTATACAGTGGATGTCATCTGTAGAAGCAAAGATTGAAGACAAAAAA
GTTCAGAGAGAAAAGTAACTAACTTCCGAAAAGTTGGAGAATCTCAGAAAAGAAAAGATA
AACTTCTTGCGGAATAAACACAAAATTCACGTCCAAGGAACCGATCTTCTGACCCAATT
GCTACATTTTCAGCAACTTGACCAGGAATATAAAATCAATTCTCGACTACTTCAGAACATT
CTAGATGCAGGTTTCCAATGCCTACGCCAATCCAATGCAAGCCATCCCAGTTATGCTG
CATGGTCGGGAACCTCTGGCTTCTGCTCCAACCTGGATCTGGAAAAACATTAGCTTTTAGC
ATTCTATTTTAAATGCAGCTGAAACAACCCGCAAATAAAGGCTTCAGAGCCCTGATTATA
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GAACAGTGGTGCAAACTCAACCTGGACAATGTCATCAGTGTGCCATTGGAGCAAGGAAT
TCTGCAGTAGAACTGTAGAACAAGAGCTTCTCTTTGTTGGATCTGAGACCGGAAAACCT
CTGGCCGTGAGAGAACTTGTTAAAAAGGTTTCAATCCACCTGTTCTTGTTTTTTGTTCAG
TCCATTGAAAGGGCTAAAGAACTTTTTTCATGAGCTCATATATGAAGGTATTAATGTGGAT
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GGAAAAATCTGGGTTCTGATTTGTACAGCCTTGCTAGCAAGAGGGATTGATTTTAAAGGT
GTGAACCTGGTGATCAACTATGACTTTCCAACCTAGCTCAGTGGAAATATATCCACAGGATA
GGTCGAACTGGAAGAGCAGGGAATAAGGGAAAAGCAATTACATTTTCTACTGAGGATGAT
AAGCCATTATTAAGAAGCGTTGCTAATGTTATACAGCAGGCTGGGTGTCCTGTACCAGAA
TACATAAAAGTTTTTCAGAACTACTAAGCAAACAAAAGAAAAAGATGATTAAGAAACCA
TTGGAAAAGGGAGAGCATTAGTACAACCTCAAAAATGTTTCTTAGAAAAAGCTAAGGATAAA
CAGAAAAAGGTCACTGGTCAGAACAGCAAGAAGAAAGTAGCTCTTGAAGACAAAAGTTAA
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Clone variation with respect to NM_007010.3

792 g=>a;1207 a=>g

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_007010 unedited CAAATTTTGTATACGACTACTATAGGCGCCGCGTAAGAAGGACGTCCACGATCTCTTTC GCCGGCTCGGCGCGGGGCCAAATTCGACACGAGACGCTTCTCGGACAGCAGCTCGAT TCCAGATAGGAAAAAGGAAATATGACTTTGATTCTTCGGAGGTGCTTCAGGGACTGGACT TTTTTGGAAACAAGAAGTCTGTCCCAGGTGTGTGGAGCATCACAAACACATCAGAAGC CCCCAAATGGAGAGAAAAAGAAGAGAGCCTAACTGAAAGGAAGAGGGAGCAGAGCAAGA AAAAAAGGAAGACGATGACTTCAGAAATTGCTTCCCAAGAAGAAGGTGCTACTATACAGT GGATGTCATCTGTAGAAGCAAAGATTGAAGACAAAAAGTTCAGAGAGAAAGTAAACTAA CTTCCGGAAAGTTGGAGAATCTCAGAAAAGAAAAGATAAACTTCTTGCAGAAATAACACA AAATTCACGTCCAAGGAACCGATCTTCTGACCCAATTGCTACATTTAGCAACTTGACC AGGAATATAAAATCAATTCTCGACTACTTCAGAACATTCTAGATGCAGGTTTCCAAATGC CTACGCCAATCCAAATGCAAGCCATCCCAGTTATGCTGCATGGTCGGGAACCTTCTGGCTT CTGCTCCAACCTGGATCTGAAAAACATTAGCTTTTAGCATTCTATTTTAAATGCAGCTGA AACACCCGCANATAAAGGCTTCAGAGCCCTGATTATATACCAACACGAGAAGTTGCCA GCCAGATTCACAGAGAGTTAATAANAAATCTGAGGNAACAGGATTCAGATACACATGAT CCANAGCAGCAGTGGCAGCAAGAAATTTGGACCTANATCATCTAAAGTTNNGATATC TTGTGACTACTNCAATCGACTAATCTATTATTANNAGCAGATTNCCCCGNATCGACTANN CAGTTGTGAGTGGCTTGTATAGACGATCAGATAACTGTTA</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_007010 unedited NNNCGGTTTTAGCTATGNNACCGCGCCGAATCTANGATCGAGTTTTTTTTTTTTTTTTT TTTTTTTTAATGTCAAGGCTTTATTTTGAATTTCTGTTCCAGATGCCTCTCCACAGCATT CATCACACCTTCCCTTCACTTGAAGGGAAAAGTCCTTAAGAGTTCACCACATTTTGGTG TTATTTTTAGCATAAACATTTGTTTTCTATAAGAAGTATCTCTCTGGATTCAAACCACA GAAATGTCAATGAATGTTATTTCCATTGTATAATCATTTAAAAGTCACCTACAGAGCTGG GTGCAGCAGCTTGTGCCTGTAATCTCAGTTACTCAGGAGGCTAAGGCAGGAGGATTGTGT GAGGTCAGGAGTCAAGACCAGCCTGGACAACATGGCAAGACCCTCATCTCTACAGGAAA AAAAAAGGCACCTACAAATTGAACTGACTTGATAGTTTAGGATCATTTATCACCAGTC CCATGTAATTTGATTTGATTTCAAATGTTTGGTACAGGTGACTGTAAGACTTCAAGTATT CCATGAAAATAACATTCATGCTGGGATCATAAAATTACATTTCTGGGACAGTATTTTTAA AGTCTGTTTTTAACTTTTGTCTTCAAGAGCTACTTTCTTCTTGTGTTCTGACCAGTGAC CTTTTTCCATACTTACTGTTTATCCCTAGCTTTTTCTAAGAACTTTTGGAGTTGACT AATGCTCTCCCTTTTCCAAGGTTCTTAANCAACCTTTTCTTTTGGTTGCTTAGNAGTTT CTGAAAACCTTTTATGTATTTGGTACAGGACAACCAAGCTGCTGTATAACTTAGCAACGC TTCTTTAATGGCGTATCATCTCCGTGAAAAATGGAATGCTTTCCCTTATTCTGN</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_007010
Insert Size:	2500 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_007010.2](#), [NP_008941.2](#)

RefSeq Size: 3766 bp

RefSeq ORF: 1800 bp

Locus ID: 11056

UniProt ID: [Q9Y2R4](#)

Cytogenetics: 17q12

Domains: DEAD, helicase_C