

Product datasheet for SC124422

HNRPA3 (HNRNPA3) (NM_194247) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HNRPA3 (HNRNPA3) (NM_194247) Human Untagged Clone
Tag:	Tag Free
Symbol:	HNRPA3
Synonyms:	2610510D13Rik; D10S102; FBRNP; HNRPA3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC124422 sequence for NM_194247 edited (data generated by NextGen Sequencing)

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ATGGAGGTA AAAACCGCCGCCCGGTGCGCCCCAGCCCGACTCCGGCCGTCGCCGTCGCCG
CGGGGGAGGAGGGCCATGATCCAAAGGAACCAGAGCAGTTGAGAAAACGTTTTATTGGT
GGTCTGAGCTTTGAAACTACAGATGATAGTTTACGAGAACATTTTGAGAAATGGGACACA
CTCACAGATTGTGGTAATGAGAGACCCCAAACAAACGTTCCAGGGGCTTTGGTTTT
GTGACTTATTCTGTGTTGAAGAGGTGGATGCAGCAATGTGTGCTCGACCACACAAGGTT
GATGGCGTGTAGTGAACCAAGAGAGCTGTTCTAGAGAGGATTCTGTAAGCCTGGT
GCCCATCTAACAGTGAAGAAAATTTTTGTTGGTGGTATTAAGAAGATACAGAAGAATAT
AATTTGAGAGACTACTTTGAAAAGTATGGCAAGATTGAAACCATAGAAGTTATGGAAGAC
AGGCAGAGTGGAAAAAGAGAGGATTTGCTTTTGAACTTTTGATGATCATGATACAGTT
GATAAAATTGTTGTTTCCAGAAATACCACACTATTAATGGGCATAATTGTGAAGTAAAAAG
GCCCTTTCTAAACAAGAGATGCAGTCTGCTGGATCACAGAGAGGTCGTGGAGGTGGATCT
GGCAATTTTATGGGTCGCGGAGGGAACCTTTGGAGGTGGTGGAGGTAATTTTGGCCGTGGT
GGAAACTTTGGTGAAGAGGAGGCTATGGTGGTGGAGGTGGTGGCAGCAGAGGTAGTTAT
GGAGGAGGTGATGGTGGATATAATGGATTTGGAGGTGATGGTGGCAACTATGGCCGTGGT
CCTGGTTATAGTAGTAGAGGGGCTATGGTGGTGGTGGACCAGGATATGGAAACCAAGGT
GGTGGATATGGTGGAGGTGGAGGATATGATGGTTACAATGAAGGAGGAAAATTTGGCCGT
GGTAACATGGTGGTGGTGGGAACATAATGATTTTGGAAATTAAGTGGACAACAGCAA
TCAAATATGGACCCATGAAAGGGGCAGTTTTGGTGGAAAGAAGCTCGGGCAGTCCCTAT
GGTGGTGGTTATGGATCTGGTGGTGGAAAGTGGTGGATATGGTAGCAGAAGTTCTAA

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Clone variation with respect to NM_194247.2



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_194247 unedited TTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCCGCTCTTCTCT CGGTCCCATATTGAACGAGTTGGAAGAGGCGAGTCCGGTCTCAAAATGGAGGTAAAAC CGCCGCCCGGTGCGCCCCAGCCGACTCCGGCCGTCGCGCTCGCCGCCGGGGGAGGAGG GCCATGATCCAAAGGAACCAGAGCAGTTGAGAAAAGTGTATTGGTGGTCTGAGCTTTG AAACACAGATGATAGTTTACGAGAACATTTTGAGAAAATGGGGCACACTCACAGATTGTG TGGTAATGAGAGACCCCAACAAAACGTTCCAGGGCTTTGGTTTTGTGACTTATCTT GTGTTGAAGAGGTGGATGCAGCAATGTGTGCTCGACCACACAAGTTGATGGGCGTGTAG TGAACCAAAGAGAGCTGTTTCTAGAGAGGATTCTGTAAAGCCTGGTGCCCATCTAACAG TGAAGAAAATTTTTGTTGGTGGTATTAAGAAGATACAGAAGAATATAATTTGAGAGACT ACTTTGAAAAGTATGGCAAGATTGAAACCATAGAATTATGGAAGACAGGCAGAGTGGAAA AAAGAGAGGATTTGCTTTTGAACCTTTTGTGATCATGATACAGTTGATAAAATGTTGT TCAGAAAATACCACACTATTAATGGGCATAATTGTGAAGTAAAAAGGCCCTTTCTAAACA AGAGATGCAGTCTGTTGGATCACAGAGAGTCCGTGAGGGTGGATCTGGCATTATGGGT CCGGGAGGGACCTTTCAGGTGGTGGAGGTATTTTGGCCGGGGTGGAACTTTGTTGAA ACAGAGGCTATTGTTGTGAAGCTGCTGCAACCANGAGTAGTACTGGAGTACGTGATG GTGG
Restriction Sites:	NotI-NotI
ACCN:	NM_194247
Insert Size:	2200 bp
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.
	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
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:	<ol style="list-style-type: none"> 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_194247.1 , NP_919223.1
RefSeq Size:	1137 bp

RefSeq ORF:	1137 bp
Locus ID:	220988
UniProt ID:	P51991
Cytogenetics:	2q31.2
Protein Pathways:	Spliceosome
Gene Summary:	Plays a role in cytoplasmic trafficking of RNA. Binds to the cis-acting response element, A2RE. May be involved in pre-mRNA splicing.[UniProtKB/Swiss-Prot Function]