

Product datasheet for **SC126426**

NASP (BC003113) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NASP (BC003113) Human Untagged Clone
Tag:	Tag Free
Symbol:	NASP
Synonyms:	DKFZp547F162; FLB7527; FLJ31599; FLJ35510; histone H1-binding protein; MGC2297; MGC19722; MGC20372; N1/N2-like; nuclear autoantigenic sperm protein; nuclear autoantigenic sperm protein (histone-binding); OTTHUMP00000009509; OTTHUMP00000009513; PRO1999
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for BC003113 edited
 GAGTCTCTGGCGTCCCAAATTGCCTGTTTTTCTCGCAGGCTCTATTCCGTTTCGCTGGTTC
 GCCACCTCAGGGGAACGATGGCCATGGAGTCCACAGCCACTGCCGCCGTCGCCGCGGAGC
 TGGTTTCTGCCGACAAAATTGAAGATGTTCTGCTCCTTCTACATCTGCAGATAAAGTGG
 AGAGTCTGGATGTGGATAGTGAAGCTAAGAACTATTGGGTTTAGGACAGAAACATCTGG
 TGATGGGGGATATTCCAGCAGCTGTCAATGCATTCCAGGAAGCAGCTAGTCTTTTAGTA
 AGAAGTATGGAGAGACAGCTAATGAGTGTGGAGAAGCCTTTTTTCTATGGGAAATCAC
 TTCTGGAGTTGGCAAGAATGGAGAATGGTGTGTTGGGAAACGCCTTGGAAGGTGTGCATG
 TGAAGAGGAAGAAGGAGAAAAAACAGAAGATGAATCTCTGGTAGAAAATAATGATAACA
 TAGATGAAACTGAAGGCTCGGAAGAGGATGATAAAGAAAATGATAAGACTGAAGAAATGC
 CAAATGATTCACTCCTTGAACAAGTCTCTTCAAGAAAATGAGGAGGAGGAGATTGGGA
 ACCTAGAGCTTGCCTGGGATATGCTGGATTTAGCAAAGATCATTTTTAAAAGGCAAGAAA
 CAAAAGAAGCACAGCTTTATGCTGCCAGGCACATCTTAACTCGGAGAAGTTAGTGTG
 AATCTGAAAATATGTGCAAGCTGTGGAGGAGTCCAGTCTGCCTAACCTGCAGGAAC
 AGTACCTGGAAGCCACGACCGTCTCCTTGAGAGACCCACTACCAGCTGGGCTTGGCTT
 ATGGGTACAACCTCAGTATGATGAGGCAGTGGCACAGTTCAGCAAACTATTGAAGTCA
 TTGAGAACAGAATGGCTGTACTAAACGAGCAGGTGAAGGAGGCTGAAGGATCGTCTGCTG
 AATACAAGAAAGAAATTGAGGAACTAAAGGAACTGCTACCCGAAATTAGAGAGAAGATAG
 AAGATGCAAAGGAGTCTCAGCGTAGTGGGAATGTAGCTGAACTGGCTCTGAAAGCTACTC
 TGGTGGAGAGTTCTACTTCAGGTTTCACTCCTGGTGGAGGAGGCTCTTCAGTCTCCATGA
 TTGCCAGTAGAAAGCCACAGACGGTGCCTCCTCATCAAATTGTGTGACTGATATTTCCC
 ACCTTGTGAGAAAGAGGAAACCAGAGGAAGAGAGTCCCGGAAAGATGATGCAAAGA
 AAGCCAAACAAGAGCCGGAGGTGAACGGAGGCAGTGGGGATGCTGTCCCAGTGGAAATG
 AAGTTTCGGAACATGGAGGAGGAGGCTGAGAATCAGGCTGAAAGCCGGCAGCAGTGG
 AGGGGACAGTGGAGGCTGGAGCTACAGTTGAAAGCACTGCATGTTAAGAGGGGACAGC
 CCTCTCCAAGGAAAGTGTGTTTGTATATAATGATTTTTTCACTTTTGGAGGATTCT
 TTTTGTATAACTCAATAAAGATTGTAAGCAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC003113 unedited
 NAAAGACGTTTCATATTTTGTATACGACTCACTATAGGCGGACCGGAATTCGCACGAGGG
 AGTCTCTGGCGTCCCAAATTGCCTGTTTTTCTCGCAGGCTCTATTCCGTTTCGCTGGTTCG
 CCACCTCAGGGGAACGATGGCCATGGAGTCCACAGCCACTGCCGCCGTCGCCGCGGAGCT
 GGTTCCTGCCGACAAAATTGAAGATGTTCTGCTCCTTCTACATCTGCAGATAAAGTGG
 GAGTCTGGATGTGGATAGTGAAGCTAAGAACTATTGGGTTTAGGACAGAAACATCTGGT
 GATGGGGGATATTCCAGCAGCTGTCAATGCATTCCAGGAAGCAGCTAGTCTTTTAGGTAA
 GAAGTATGGAGAGACAGCTAATGAGTGTGGAGAAGCCTTTTTTCTATGGGAAATCACT
 TCTGGAGTTGGCAAGAATGGAGAATGGTGTGTTGGGAAACGCCTTGGAAGGTGTGCATG
 GGAAGAGGAAGAAGGAGAAAAACAGAAGATGAATCTCTGGTAGAAAATAATGATAACAT
 AGATGAACTGAAGGCTCGGAAGAGGATGATAAAGAAAATGATAAGACTGAAGAAATGCC
 AAATGATTCACTCCTTGAACAAGTCTCTTCAACAAATGAGGAGGAGGAGATTGGGAAC
 CTAGAGCTTGCCTGAGATATGCTGGATTTAGCAAAGATCATTTTTAAAAGGCAAGAAACA
 AAGTAAGCACAGCTTTATGCTGGCCAGGCACATTTACTCGGAGAAGCTAGTGTTTAA
 TCTGAAACTATGTGCATGCTGGGAGGAGTTTCAGTCTGCCTAACCTGCAGCACAGTT
 CCTGGAACCCTATATTGTTTTCTTGGCTAACCCACCACCTGGGCT

Restriction Sites: Please inquire

ACCN: BC003113

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:	<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:	BC003113.1 , AAH03113.1
RefSeq Size:	1548 bp
Locus ID:	4678
Cytogenetics:	1p34.1
Gene Summary:	This gene encodes a H1 histone binding protein that is involved in transporting histones into the nucleus of dividing cells. Multiple isoforms are encoded by transcript variants of this gene. The somatic form is expressed in all mitotic cells, is localized to the nucleus, and is coupled to the cell cycle. The testicular form is expressed in embryonic tissues, tumor cells, and the testis. In male germ cells, this protein is localized to the cytoplasm of primary spermatocytes, the nucleus of spermatids, and the periacrosomal region of mature spermatozoa. [provided by RefSeq, Jul 2008]