

## Product datasheet for **SC109477**

### **NASP (NM\_152298) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	NASP (NM_152298) Human Untagged Clone
Tag:	Tag Free
Symbol:	NASP
Synonyms:	FLB7527; HMDRA1; PRO1999
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene ORF within SC109477 sequence for NM\_152298 edited (data generated by NextGen Sequencing)

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ATGGCCATGGAGTCCACAGCCACTGCCGCCGTCGCCGCGGAGCTGGTTTCTGCCGACAAA
ATTGAAGATGTTCTGCTCCTTCTACATCTGCAGATAAAGTGGAGAGTCTGGATGTGGAT
AGTGAAGCTAAGAAACTATTGGGTTTAGGACAGAAACATCTGGTATGGGGGATATTCCA
GCAGCTGTCAATGCATCCAGGAAGCAGCTAGTCTTTTAGGTAAGAAGTATGGAGAGACA
GCTAATGAGTGTGGAGAAGCCTTCTTTTTCTATGGGAAATCACTTCTGGAGTTGGCAAGA
ATGGAGAATGGTGTGTTGGGAAACGCCTTGGAAAGGTGTGCATGTGGAAGAGGAAGAAGGA
GAAAAACAGAAGATGAATCTCTGGTAGAAAATATGATAACATAGATGANNCTGAAGGC
TCGGAAGAGGATGATAAAGAAAATGATAAGACTGAAGAAATGCCAAATGATTCAGTCCTT
GAAAACAAGTCTCTTCAAGAAAATGAGGAGGAGGAGATTGGGAACCTAGAGCTTGCCCTGG
GATATGCTGGATTTAGCAAAGATCATTTTTAAAAGGCAAGAAAACAAAAGAAGCACAGCTT
TATGCTGCCCAGGCACATCTTAAACTCGGAGAAGTTAGTGTGAACTCTGAAAATATGTG
CAAGCTGTGGAGGAGTTCAGTCTGCCTTAACTGCAGGAACAGTACCTGGAAGCCAC
GACCGTCTCCTTGACAGAGACCCACTACCAGCTGGGCTTGGCTTATGGGTACAACCTCAG
TATGATGAGGCAGTGGCAGATTCAGCAAATCTATTGAAGTCATTGAGAACAGAAATGGCT
GTACTAAACGAGCAGGTGAAGGAGGCTGAAGGATCGTCTGCTGAATACAAGAAAGAAATT
GAGGAACTAAAGGAACTGCTACCCGAAATTAGAGAGAAGATAGAAGATGCAAAGGAGTCT
CAGCGTAGTGGGAATGTAGCTGAACTGGCTCTGAAAGCTACTCTGGTGGAGAGTCTACT
TCAGGTTTCACTCCTGGTGGAGGAGGCTCTTCACTCTCCATGATTGCCAGTAGAAAGCCA
ACAGACGGTGTCTCCTCATCAAATTGTGTGACTGATATTTCCACCTTGTGAGAAAGAAG
AGGAAACCAGAGGAAGAGAGTCCCCGAAAGATGATGCAAAGAAAGCCAAACAAGAGCCG
GAGGTGAACGGAGGCAGTGGGGATGCTGTCCCCAGTGGAAATGAAGTTTCGGAACATG
GAGGAGGAGGCTGAGAATCAGGCTGAAAGCCGGGCAGCAGTGGAGGGGACAGTGGAGGCT
GGAGCTACAGTTGAAAGCACTGCATGTTAA
    
```

Clone variation with respect to NM\_152298.3  
 411 a=>n;412 a=>n;423 a=>g;453 c=>t

**5' Read Nucleotide Sequence:** >OriGene 5' read for NM\_152298 unedited

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AATACGACTCACTATAGGGCGGCCGCGAATTCGGCACGAGGGTCCCTGAGTGAGTCTCTG
GCGTCCCAAATTCCTGTTTTTCTCGCAGGCTCTATTCCGTTTCGTTGCTCGCCACCTCA
GGGGAACGATGGCCATGGAGTCCACAGCCACTGCCGCCGTCGCCGCGGAGCTGGTTTCTG
CCGACAAAATTGAAGATGTTCTGCTCCTTCTACATCTGCAGATAAAGTGGAGAGTCTGG
ATGTGGATAGTGAAGCTAAGAACTATTGGGTTTAGGACAGAAACATCTGGTATGGGGG
ATATCCAGCAGCTGTCAATGCATTCCAGGAAGCAGCTAGTCTTTTAGGTAAGAAGTATG
GAGAGACAGCTAATGAGTGTGGAGAAGCCTTCTTTTTCTATGGGAAATCACTTCTGGAGT
TGCAAGAATGGAGAATGGTGTGTTGGGAAACGCCTTGGAAAGGTGTGCATGTGGAAGAGG
AAGAAGGAGAAAAACAGAAGATGAATCTCTGGTAGAAAATAATGATAACATAGATGAGG
AAGCAAGGGAAGAGTTGAGAGAACAGGTTTATGACGCCATGGGAGAAAAAGAAAGCCA
AAAAACAGAAGACAAGTCTTTGGCAAAGCCTGAAACTGATAAAGAACAGGACAGTGAAA
TGGAGAAGGGTGGAAAGAGAAGATATGGATATAAGTAAATCTGCAGAGGAGCCACAGGAAA
AAGTTGACTTGACTCTAGATTGGTTAACTGAAACCTCTGAAGAGGCAAAAGGAGGAGCAG
CACCAGAAGGACCGAATGAAGCTGAGGTCACTTCTGGAAAGCCAGACAGGAAGTACCAGA
TGCTGAGGAAGAAAAATCAGTTCTGAAACTGATGTCAAAANAGTGCANAGAANAAGGAG
GTCANGAGAGCAGGGAGAGGGTATTGTGAGCATAGAGGAGAAGCCAAAGAAGTTCAGAGA
GCAGCCTGTGGTACTCTTAAAGCAGGCACTGCANTGGAGGTAANNCN
    
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**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]

Transcript Variant: This variant (3) lacks an alternate in-frame exon in the coding region, compared to variant 2. This results in a shorter protein (isoform 3), compared to isoform 2.