

Product datasheet for **SC112005**

GGNBP2 (NM_024835) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GGNBP2 (NM_024835) Human Untagged Clone
Tag:	Tag Free
Symbol:	GGNBP2
Synonyms:	DIF-3; DIF3; LCRG1; LZK1; ZFP403; ZNF403
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_024835, the custom clone sequence may differ by one or more nucleotides

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ATGGCGCGACTCGTGGCAGTGTGCAGGGACGGGGAGGAGGAGTCCCCCTCGAGAGGAGGCAGATTCCC  
TCTACATAGACGACACCCTGACGATGGTATGGAATTCCTGATAATGTGTTAAATCTCGATGGACATCA  
GAATAATGGTGCACAGCTAAAGCAGTTCATTCAGCGACATGGTATGCTTAAGCAACAGGATCTAAGTATT  
GCCATGGTGGTGCATCACGCGAAGTCCCTGAGTGCACCTTCTCAGCTTGCCCATGTGTTGGTTGTCGTC  
GCAGTGTGGAGCGTCTCTTTCCAGCTTGTAGAGTCTGGAAATCCTGCTCTGAACCCCTAACAGTAGG  
GCCCAAGGGAGTCTGTCTGTAAGTGTGACTGATGCAAAAGAAGCTTTATACATTATTTTAT  
GTACATGGGTCCAACTAAATGACATGATAGATGCTATTCCAAAAAGTAAGAAGAATAAGAGATGTCAGT  
TGCACTCCTTAGATACGCACAAGCCAAAACCTTTGGGAGGTTGTTGGATGGATGTATGGGAACTAATGTC  
GCAGGAATGCAGGGATGAAGTAGTTTTAATTGACTCGAGTTGCTTTTAGAAACTAGAAACATATCTG  
CGAAAACACAGGTTTTGCACTGATTGCAAAAATAAAGTCTCCGAGCATACAATATCCTTATTGGTGAAC  
TTGACTGCAGCAAAGAAAAGGGCTACTGTGCTGCACTTTATGAAGCTTGCAGGCTGTCCACATGAACG  
ACACATACATGTTTGCTGTGAAACAGACTTCATTGCACATCTTTGGGTGCTGCTGAGCCAGAGTTCGCA  
GGAGGGCGAAGAGAAAAGGCATGCAAGACAATAGATATAGCTCAAGAAGAAGTTCTGACCTGCTGGGAA  
TTCATCTTTATGAAAGACTGCATCGAATCTGGCAGAAGCTACGGGCAGAAGAGCAGACATGGCAGATGCT  
TTTCTATCTTGGTGTGATGCTTACGCAAGAGTTTTGAGATGACCGTGGAAAAAGTACAGGGTATTAGC  
AGATTGGAACAACCTTTGTGAGGAATTTTCAAGAGGAACGAGTAAGAGAACTCAAGCAAGAAAAGAAAC  
GCCAAAACCGAAGAATAGACGAAAAAATAAGTGTGTGTGTGATATTCTACTCCCTTACAAACAGCAGA  
TGAAAAGGAAGTAAGCCAAGAGAAGGAAACAGACTTCATAGAAAATAGCAGCTGCAAAGCCTGTGGCAGC  
ACTGAAGATGGTAATACTTGTGTAGAAGTAATTGTTACCAATGAAAATACATCATGTACCTGCTCCTAGCA  
GTGGCAATCTTTGGGGTCCCTAAAATAAAGAAAGGCTTATCTCCACACTGTAATGGTAGTGATTGTGG  
ATATTCATCTAGCATGGAAGGGAGTGAAACAGGTTCTCGGGAGGGTTCCGATGTTGCCTGCACTGAAGGC  
ATTTGTAATCATGATGAACACGGTGTGACTCTTGTGTTCACTGTGAAGACAAGAGGATGATGGTG  
ATAGTTGTGTTGAATGTTGGGCAAATCTGAAGAGAACGACACAAAAGGAAAAAATAAAAAGAAGAAGAA  
GAAAAGCAAGATACTGAAATGTGATGAACATATCCAGAAGCTTGGAAAGCTGTATTACAGATCCAGGTAAT  
CGAGAGACCTCAGGAAATACCATGCACACAGTGTTCACCGTGACAAGACCAAAGATACACATCCTGAAA  
GCTGTTGCAGCTCTGAAAAGGTGGGCAGCCATTGCCTTGGTTTGAGCATAGGAAAAATGTACCACAGTT  
TGCAGAACCTACAGAAACGTTGTTTGGTCCCGATTCCGAAAAGGTGCCAAGAGCTTAGTTGAACTCCTT  
GATGAGTCTGAATGTACTTCAGATGAGGAAATCTTTATCTCACAAGATGAAATACAGTCATTTATGGCTA  
ATAACCAGTCTTTCTACAGCAATAGAGAACAATACCGACAGCATCTGAAGGAGAAATTAATAAATACTG  
CCGTTAATGATCACAAGAGGCCCATTTGTAGTGGCTGGTTGACAACGGCTGGAGCAAATTA
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_024835 unedited</p> <pre>TGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCGGCGCGCAGAAAC AGCAGCGGCGGCGGCGGCGGCGGCGAGCTGGGAGGAGGTGGTGACGGTGGCAACGGCAGCGTGC GGGACGATGGCGCGACTCGTGCCAGTGTGCAGGGACGGGGAGGAGGAGTTCCCCTTCGAG AGGAGGCAGATTTCCCCTCCACATAGACGACACCCTGACGATGGTGATGGAATTTCTGTAT AATGTGTTAAATCTCGATGGACATCAGAATAATGGTGCACAGCTAAAGCAGTTCATTTCAG CGACATGGTATGCTTAAAGCAACAGGATCTAAGTATTGCCATGGTGGTGACATCACGCGAA GTCCTGAGTGCACCTTCTCAGCTTGTCCCATGTGTTGGTTGTCGTCGAGTGTGGAGCGT CTCTTTTCCCAGCTTGTAGAGTCTGAAATCCTGCTCTTGAACCCCTAACAGTAGGGCCC AAGGGAGTCTGTCTGTAAGTAGAAGCTGCATGACTGATGCAAAGAAGCTTTATACATTA TTTTATGTACATGGGTCCAAACTAAATGACATGATAGATGCTATTCCAAAAAGTAAGAAG AATAAGAGATGTCAGTTGCACTCCTTAATTACGCACAAGCCAAAACCTTTGAGAGTTGT TTGATGGATGATGGAACTAATGTCGCAAGAATGCAAGGATGAAGTAGTCTTATTTGAC TCGAGTTGCTTTTTAAACACTAGACCATATCTCGAAACACAGTTTTGCACTGATTGCA AANAAAAGTTCTCCGAACATACAAATTCTATTGGTGAACCTTGACTGCGCACAAAGACAGG GCTACTGTGCTGCACTTATGAAGCTTGCCGTGCTCCACATGACGACACATACATGTTT GCTGGANAACGAT</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_024835 unedited</p> <pre>ACCGCGGCCCGCAATTCNANAGTCGAGTTTTTTTTTTTTTTTTTTTATTAATAAATATTCT TTATTTTAAATTTTGACATTGCGCTTTAACATTACATCCAAACATTTTGCAAGTGGATG TCTACTTTGTAACCATATATTCAGCTCATTGTCATTTCTGTACAGAATTATAAGTACA ACATTACTTTTTGCCACTAAGTTGCTTTAGTAAGTCTCACAGGAAGAGAAACATTTAATG AAAAGAGATGGCTTAAATCATATGGCAGGCCTGCGCAGCCACGCAACTAAAGACACAAGC CTGAAGAAAGAACTAATGAGGATACCTCCACCGTCTCCAAAAACAAGAAAGAAATCACATT GATTTAAGATAAAATTTTGCATAAGTCACTAAATTAACAGTTTTTTCGAAAGAGAAGGCG CAGTACTCATCGTGAGTGTTCATTGAAAGACAGAGCTATTTTATTTATTTAATTTGCTC CAGCCGTTGTCAACCAGCCACTACAAATGGGCCTCTTGTGATCATTTAACCGGCAGTATT TATTAATTTCTCCTTCAGATGCTGTGCGCATTGCTCTCTATCGCTGCAGAAAGACTGGC TATTACCATAAATGACTGCATTTTCATCCTGGGAGATAAAGATTTCCCTCATCTGAAGTAC ATTCAGACTCATCAAGGAGTTCAACTAACTTTTTGGCACCTTTTCCGGAATCGGACCAAA ACACGTTTCTGTTAGCTCTGCCAACTGCGGACATTTTTTCTATGGCTAAACCAAGGCAA TTGCTGCCCACCCTTTTCAAACCTCAAACACTTTCAGGACGGGTCTCTTCCGTTTGCC CCGGCAACAATGTGGGAGGGTTTACCAGGCCTTATTCCCTGATCCGCTACACTTCC ACCTTCGCAATGCCTCACCTCACCCCTCCCTCCTTTATTTTCTTTA</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_024835
Insert Size:	2620 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_024835.1](#), [NP_079111.1](#)

RefSeq Size: 2869 bp

RefSeq ORF: 2094 bp

Locus ID: 79893

UniProt ID: [Q9H3C7](#)

Cytogenetics: 17q12

Gene Summary: May be involved in spermatogenesis.[UniProtKB/Swiss-Prot Function]