

Product datasheet for **SC106071**

JLP (SPAG9) (BC007524) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	JLP (SPAG9) (BC007524) Human Untagged Clone
Tag:	Tag Free
Symbol:	JLP
Synonyms:	c-Jun NH2-terminal kin; FLJ13450; FLJ14006; FLJ26141; FLJ34602; HLC-4 protein; HLC4; JLP; JNK-associated leucine-zipper protein; JNK/SAPK-associated protein; JNK interacting protein; KIAA0516; Max-binding protein; MGC14967; MGC74461; MGC117291; PHET; PIG6
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for BC007524, the custom clone sequence may differ by one or more nucleotides

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ATGAGTCCTGGATGCATGCTGCTGTTTGTGTTTGGCTTTGTTGGCGGGCGGTGGTCATTAATTCTGCTA  
TCTTAGTATCTCTCTGTTTTGCTGCTTGTGCACCTTTCTATTTCTACCGGTGTGCCAGCTCGACGCA  
GAACCTACCAAGGATACTCAGAAAAGAAGCCCTATATCATTAGGAATTTCCATTACCTGCTGGAGAT  
GGATTGCTTACACCTGATGCTCAGAAAGGAGAGACCCTGGATCTGAGCAATGGAAATTTAGGAAT  
TAAGTCAACCACGTTCTCATACCAGCCTGAAGGTCAGCAATAGTCCTGAACCTCAGAAGGCTGTAGAACA  
GGAGGTGAGAATGGTCTTCTTAACATTTGCAAAAAGTATACTAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC007524 unedited TGGCACATTTTGTATACGACTCATATAGGCGGCCGCGAAATTCGCACGAGGCTCTATGGT TATGAGGTGGGGAGAACGGAATGACGTCATCGCTTGGGAGCTGCTGCAGGATGGAGTGGGA AAGCTGCTGCTGATGGCATTGTTTTGTGGCAGCAAGCTGAATGACAGATCCTCACTACA AAGATACCCCTTTGGCCCCGTGAGGCCTCCTGGTTCCGGGTGTTTCACCATGCCAGCA CAGCGCCATGAGTCCTGGATGCATGCTGCTGTTGTGTTGGCTTTGTTGGCGGGGCGGT GGTCATTAATTCTGCTATCTTAGTATCTCTCTGTTTTGCTGCTTGTGCACTTTTCTAT TTCTACCGGTGTGCCAGCTCTGACGCAGAACCTACCAAGGATACTCAGAAAAGAACGCC TATATCATTAGGAATTTCCCATTAACCTGCTGGAGATGGATTGCTTACACCTGATGCTCA GAAAGGAGGAGAGACCCCTGGATCTGAGCAATGGAAATTCAGGAATTAAGTCAACCACG TTCTCATACCAGCCTGAAGGTCAGCAATAGTCCTGAACCTCAGAAGGCTGTAGAACAGGA GGATGAGCTTTCTGATGTTAGCCAAGGCGGATCTAAAGCTACCACTCCAGCATCAACAGC TAATTCAGATGTGGCAACAATTCCTACTGATACTCCCTTAAAGGAAGAAAAACGAAGATT TGTGAAGGTTACAGATGCGCCAAATAAATCAGAGATAAGCAAACACATTGAAGTACANGT AGCCCCAGAACTAGAAATGTATCTACTGGCTCTGCTGAAATGAAGAAAGTCAGAAGTCA AGCATCATCGATCTACNCTGAGCTGATATGACAAGATCTCGTGGATATAAAGGTCAGCCC TCCACCAANGCATAGAGACAAGCTTTGATCGCT
Restriction Sites:	NotI-NotI
ACCN:	BC007524
Insert Size:	4700 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:	<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:	BC007524.1 , AAH07524.1
RefSeq Size:	1260 bp
RefSeq ORF:	1260 bp
Locus ID:	9043
Cytogenetics:	17q21.33

Gene Summary:

This gene encodes a member of the cancer testis antigen gene family. The encoded protein functions as a scaffold protein that structurally organizes mitogen-activated protein kinases and mediates c-Jun-terminal kinase signaling. This protein also binds to kinesin-1 and may be involved in microtubule-based membrane transport. This protein may play a role in tumor growth and development. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Oct 2011]