

Product datasheet for **SC101785**

JLP (SPAG9) (AK023512) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	JLP (SPAG9) (AK023512) Human Untagged Clone
Tag:	Tag Free
Symbol:	JLP
Synonyms:	CT89; HLC-6; HLC4; HLC6; JIP-4; JIP4; JLP; PHET; PIG6
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for AK023512, the custom clone sequence may differ by one or more nucleotides

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ATGTTAGGTACTGGAAAACCTGGGCTTCTCTTTTGTGAGAATTACAGCTCTTATGGTGTCTTGAATCGTT
TGTGGGTGGGACAGGAAATGGTGTCTTATCTCCATCCCATTGACAGAAACCGTAATCCTCCACCAGGG
ACGTTTACTGGGGCTGAGGGCAAATAAAACCTCAGGTGTACCAGGAAATCGTCTGGAAGTGAATCCGT
GTATATGGTGATGAAAACAGTGATAAAGTGACTCCAGGGACATTTATACCCTATTGTTCAATGGCACATG
CACAGCTTTGCTTCCATGGGCACCGGGATGCTGTGAAATCTTTGTGGCAGTCCCAGGTCAAGTCATCAG
CCCACAAAGTAGCAGTAGTGGCACGGATCTGACGGGTGACAAAGCAGGGCCATCTGCACAGGAGCCTGGT
AGTCAGACGCCCTTGAAGTCTATGCTTGTGATCAGTGGAGGAGAGGGCTACATCGACTTCCGAATGGGTG
ATGAAGGTGGAGAATCAGAACTTCTGGAGAGGATCTTCCAATTGAACCTTCTGTACCAAGCAGAAAG
GAGTCACTTGATAGTGTGGCAAGTGATGTATGGCAATGAGTGA
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for AK023512 unedited</p> <pre> NGGGTTCCACATTTGTATACGACTCATATAGGCGGCCGGAATCGCACGAGCAAAGCCAT GAAAATAGAGAAATCTTTTGTATGCACATCCCAGGAAGGAGAGCAAGTGCACAGCTTGC GTGGGTGGGGGATGGCGTGTGGGTCTCCATTGCTTGGATTCTACGCTCCGTCTCTATCA TGCACACACTTATCAACATCTACAGGATGTGGACATTGAGCCTTATGTAAGCAAAATGTT AGGTACTGGAAAACCTGGGCTTCTCTTTTGTGAGAATTACAGCTCTTATGGTGTCTTGTA TCGTTTGTGGGTGGGACAGGAAATGGTGCATTATCTCCATCCCATTGACAGAAAACCGT AATCCTCCACCAGGGACGTTTACTGGGGCTGAGGGCAAATAAAACCTCAGGTGTACCAGG AAATCGTCCTGGAAGTGAATCCGTGTATATGGTGTGAAAACAGTGATAAAGTGACTCC AGGGACATTTATACCCTATTGTTCAATGGCACATGCACAGCTTTGCTTCCATGGGCACCG GGATGCTGTGAAATCTTTGTGGCAGTCCCAGGTCAAGTCATCAGCCACAAAAGTAGCAG TAGTGGCACGGATCTGACGGGTGACAAAGCAGGGCCATCTGCACAGGAGCCTGGTAGTCA GACGCCCTTGAAGTCTATGCTTGTATCAGTGGAGGAGAGGGCTACATCGACTTCCGAAT GGGTGATGAAGGTGGAGAATCAGAACTTCTTGGAGAGGATCTTCCACTTGAACCTTCTGT CACCAAAGCAGAAAGGAGTCACTTGATAGTGTGGCAAGTGATGTATGGCAATGAGTGAGC CCATGGGAAACAGGTGGAGATGGGAAGCCGTCTTCTGCATGGTTATTTTCCCTCTA TCCTTNTATTTA </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for AK023512 unedited</p> <pre> NGGTATTCTATGNNACCGCGCCGATTCTTANGATCGAGTTTTTTTTTTTTTTTTTTTTTA AGTCAGAAACAGGAAACGTTTATTTAAATAGTGTAGTCTTAATTTCTTTAATAAAAACC CCCCAAATCTGATGAAAACAAAGTTTTATATACCATATAAACAAGATTTGTCAGATTTG AAAGTAAAGTAAAGTAAATTTACAGTTAGCTTTTAAACCTCTCGGGACATTTAGATACA TCCTGATAATCCATCTTGTATTAGTGTGTCAATTTTACAATACTGGGAAAACCTCA GCTATTGTATTTAACGGTACAGTTTCATTTATCAAGTGTTCCTTAATTCCATTATTA GTGACAGCTAACAAAGTGACCCCATCAAATGAAGTGAATGACATTAGACTGTGGCAGAGTA AACCACATCTGGATTGCTTTCTATAATTCACCAGTTTGCAGGAAGTAAACATTCTTTGAT TTGTTCCATAATACTGAAGTTACCTATAACACTGGTGCAGTAACACAGCTAGTTCCTCT GTATTGTTATGGTAGAACGGATTTTGAATATAAAGTTAACAGGAAAAAATGCTCACACA TTATGTGGTGAACCTTATCTCACAAAAGAGCATTAAATAAAGGATAGAGGGAAAAATAAA CCATGCAGAAGAGACCGCTTCCCCTCTCCACCTGTTTCCCATGGGCTCACTATTGCCA TACATTACTTGCCACACTATCAAGTGACTCCTTTCTTGCTTTGGTGACAGAAAGTTCAAG TGGGAGATCCTCTTCCAAGAGTCTGATTCTCCACCTTCTAACCTTTTTCGGAATCGAT GTGACCCCTCTCCTCCCTGGTGAAGCATAGACTTTAAGGGCGTTGGATTACACGGCT CCTGGGCA </pre>
Restriction Sites:	NotI-NotI
ACCN:	AK023512
Insert Size:	1000 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: [AK023512.1](#), [BAG51202.1](#)

RefSeq Size: 1966 bp

RefSeq ORF: 603 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]