

Product datasheet for **SC101901**

PAG (PAG1) (AK094546) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PAG (PAG1) (AK094546) Human Untagged Clone
Tag:	Tag Free
Symbol:	PAG
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 AK094546, the custom clone sequence may differ by one or more nucleotides

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TTTCTGTGAATTAATTCTGGGTATTACTATTTTTTTGAGACAGTCTTGCTCTTACCCAGGCTGAAGTACA
GTGGCATGAACATGGCTCACTGCAGCCTCGATTTCTGGGCTCAAGCAATCTCCACCTTGGCCTCTCG
AGGAGCTGAGACTACAGGCACGTGCTGCCACACCCAGATATTTTTAAAGTTTTTTGTAGAGACAGGTCT
TGCTATGTTGCCGGGCTGGTCTCAAACCTGGACTCAAGCAGTCTCCTGCCTTGTCTTCCCAAAGTG
CTGGTATTACAGGCGTGAGCCATTGCACCTGGCCTGTTCTGGGTATTTGTATAAATGGAATCAGTATGT
GACCTTTTGTATCTGGCTGCTTCTACCTAGCTTTATGTTTTCCATGTTCTTCCCATTCATCATGTATC
AGTACTTTCTTTCTTTTGTGGCATAATTTCCATTATATGTATCCACTGCAATTTGTTTACTGATCTG
TTGATAGACATTTGGGCTGTTTCCACCTTTTGGCTGTTGTGAGCATTGCCGCTGTAACATTCATGTATA
AGTGTTTGTGTATCTGTTTTCAATGATTTTGGATATATACCTAGGAGCAGGATTGTTCCACCATATGGTA
ATTTTTGTGTTTATCTTTTTTTTTTTTTTTGAGATGGAGTCTTGCTCTGTTGCCAGGCTGGAGTGCAGTG
GTGCGATCTCAGCACACTGTAACCTCTACCTCCAGGTTTATGTGATTCTCCTGCCTCAGCTCCCGAGT
AGCTAGGACTACAGGTGTCCCCACCACACCTGGCTATTTTTTTTTTTTTTTTTTTTGTATTTTAGTAGA
GATGGAAGAGACAGAGTTTACCATGTTGGCCAGGCAGGTTTCAAACCTCCAGACCTCAAGTGATCCACCT
GCCTCGGCCTCCCAAAGTGCTTAGAATTACAGCTGTGAGCCACTGCGCCTGGCCTCTATGTTAACTTTT
GAGAAGTCTCTTGATTCTTGCCACTACGAGGTGATTTTATCCAATTAACAGGAAAGAAAATGGGAGCT
CAGAAGTTGGACTGCTTGTCAAAGTCACCTAGCTAGAGAGCTGCGCAGCTGGAAGTATACAAGTC
TAGCTGTTGAAAGCACCTGAGCACATTACCTCATGCTGTACCTTGCATGCTTGTGTTTTCAATTTTC
AGATGAAGAAACAGCTCTCCTCAAACATAATTGATTATTGAGGTGTGTTTTCTTCTTCCCTGGTGATGT
GCAAAGGAAATGAAAAGGGAAAAGGGCCAGGAAGGAGATGTTTTTTCTCCTTCATTCAACAGCTA
ATCTTGAGTACCAACTGTGTACAAGGCACCTAACCTAGATGCCTGGGACACATAAAGAACAAGTAGACAAA
GACTCCTACCCTTAATCATTGAGTTTTATTCTAGATGGGGGAGAGGGTGACAGATAATAAACAATAGAAT
TCATAATATGAATTCATTGGAGAGTACGAGAAAGGTGAAGTGTGGGGGGAAGAGAGCAAGGTAAGGGGGT
GAAGGAGTGTGGGGAGATTGGGATTGCAATTTCAAGAAATGGTAGTGTTATGAACTGAATGTGGGTGTCT
CCCCCAAATTTGTATGTTCAAGACCTCACTCTAATGTGGCTGATTTGGAGATGGGGCCTCAAGGAAGT
AACTAAGATGAAATGGGTTCTGAGGATGGGCACTGATTCAACAGGATTAGTGTCTTATGAGGACAGAC
ACCAGAGTTCTCCCTCTCACTTTCTTCCACACGCATGCACTGAGGAAAGTCTGTGTGAGGACACAGCAA
GGAGGCTGCCGTCCACAAGCTGAGAAGAGAGCCCTCACAAGAGATGGAATTGACTGGAGCCTCAGTCTTG
GACTTTCAGCCTCCAGAACAGAGAAAATAAATGTGTGTTGTTAAGCC
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for AK094546 unedited

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GGGTTTTACATTTGTATACGACTCATATAGGCGGCCGCGAAATTCGCACGAGGTTTTTGA
GACAGTCTTGCTCTTACCCAGGCTGAAGTACAGTGGCATGAACATGGCTCACTGCAGCCT
CGATTTCTGGGCTCAAGCAATCTTCCACCTTGGCCTCTCGAGGAGCTGAGACTACAGG
CACGTGCTGCCACACCCAGATATGTTTTAAAGTTTTTTGTAGAGACAGGCTTGCTATGT
TGCCCGGGCTGGTCTCAAACCTGGACTCAAGCAGTCTCCTGCCTTGTCTTCCCAAAG
TGCTGGTATTACAGGCGTGAGCCATTGCACCTGGCCTGTTCTGGGTATTTGTATAAATG
GAATCAGTATGTGACCTTTTGTATCTGGCTGCTTCTACCTAGCTTTATGTTTTCCATGTT
CTTCCCATTCATCATGTATCAGTACTTTCTTTCTTTTTGTGGCATAATTTCCATTAT
ATGTATCCACTGCAATTTGTTTACTGATCTGTTGATAGACATTTGGGCTGTTTCCACCT
TTTGGCTGTTGTGAGCATTGCCGCTGTGAACATTCATGTATAAGTGTGTTGTATCTGTT
TTCAATGATTTTGGATATATACCTAGGAGCAGGATTGTTCCACCATATGGTAATTTCTGT
GTTTATCTTTTTTTTTTTTTTTTGGAGATGGAGTCTTGCTCTGTTGCCAGGCTGGAGTGCAG
TGGTGTGATCTCACACACTGTAACCTCTACCTNCCAGGTTCAAGTGATTCTCCTGCCTCA
GCCTNCCGAGTAGCTAGGACTACAGGTGTTNACCACCACACCTGGCTATTTTTTTTTTTT
TGTATTTTGTAAAGATGGAGAGACAGAGTTCACCATGTTGGCCAGGCAGTTTTTCAACT
NCAGACTCAGTATCCACTGNCTCGNCTTCAAA
    
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Restriction Sites:

NotI-NotI

ACCN:	AK094546
Insert Size:	2750 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:	AK094546.1
RefSeq Size:	1937 bp
RefSeq ORF:	1937 bp
Locus ID:	55824
Cytogenetics:	8q21.13
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	The protein encoded by this gene is a type III transmembrane adaptor protein that binds to the tyrosine kinase csk protein. It is thought to be involved in the regulation of T cell activation. [provided by RefSeq, Jul 2008]