

Product datasheet for SC113514

PAG (PAG1) (NM_018440) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PAG (PAG1) (NM_018440) Human Untagged Clone
Tag:	Tag Free
Symbol:	PAG
Synonyms:	CBP; PAG
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC113514 sequence for NM_018440 edited (data generated by NextGen Sequencing)

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ATGGGGCCCGGGGAGCCTGCTGGGCAGCGGACAGATGCAGATCACCCCTGTGGGAAGT
CTGGCCGCTGTCGCCATTTTCTTCGTCATCACCTTCCTCATCTTCTGTGCTCTAGTTGT
GACAGGGAAAAGAAGCCCGACAGCATAGTGGGGACCATGAGAACCTGATGAACGTGCCCT
TCAGACAAGGAGATGTTCCAGCCGTTTCACTAGCCTGGCAACAGATGCTCCTGCCAGC
AGTGAGCAGAATGGGGCACTCACCAATGGGGACATTCTTTAGAGGACAGTACTCTGACC
TGCATGCAGCATTACGAGGAAGTCCAGACATCGGCCTCGGATCTGCTGGATTCCCAGGAC
AGCACAGGGAAACCAAAATGTCATCAGAGTCGGGAGCTGCCAGAATCCCTCCCGAGAGC
GCAGTGGATAACCATGCTCAGGGCAGAAGTGTGGACGGGGACCAGGGGCTGGGGATGGAA
GGGCCCTATGAAGTGCTCAAGGACAGCTCCTCCAAGAAAACATGGTGGAGGACTGCTTG
TATGAAACTGTGAAAGAGATCAAGGAGGTGGCTGCAGCTGCACACCTGGAGAAAGCCAC
AGTGGCAAGGCAAAATCTACTTCTGCCTCGAAAGAGCTCCCAGGGCCCCAGACTGAAGGC
AAAGCTGAGTTTGTGAAATATGCCTCGGTGGACAGAAACAAAAATGTCGTCAAAGTGT
AATGTAGAGAGTATCCTTGGAAATTCATGTGATCCAGAAGAGGAGGCCACCACCTGTC
CCTGTTAAGCTTCTGGACGAGAAATGAAAACCTTCAGGAGAAGGAAGGGGAGAGGGCGAA
GAGAGTGCCACAGACACGACAGTGAACCTAACAAGAGATTTAGCTCATTGTCATACAAG
AATAAACCTGGACAGTTAGTGAATAAATCGGGGAGTCGTTACAGTTCGGGATCCACC
TACACCTCCATTCAGGGGACCCACAGAGGTCACCCCTCCTGTAAATGATCTCTATGCT
ACTGTTAAAGACTTCGAAAAAACTCCAAACAGCACACTTCCACCAGCAGGGAGGCCAGC
GAGGAGCCAGAGCCTGATTATGAAGCGATACAGACTCTCAACAGAGAGGAAGAAAAGGCC
ACCCTGGGACCAATGGCCACCACGGTCTCGTCCCAAAGGAGAACGACTACGAGAGCATA
AGTGACTTGCAGCAAGGCAGAGATATTACCAGGCTCTAG

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Clone variation with respect to NM_018440.3
66 t=>c



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_018440 unedited ACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGAAGGACACAGCTTTCTGCCTCC ATGTCACCACCTTTGAAGGACTGACTGATTCCTCGGCTGGTGCCAGTGCCTGCCTCGC CATGGGGCCCGCGGGGAGCCTGCTGGGCAGCGGACAGATGAGATCACCCTGTGGGAAG TCTGGCCGCTGTCGCCATTTTCTTCGTCATCACCTTCTCATCTTCTGTGCTCTAGTTG TGACAGGAAAAAGAAGCCGCGACAGCATAGTGGGACCATGAGAACCTGATGAACGTGCC TTCAGACAAGGAGATGTTTCAGCCGTTTCAGTTACTAGCCTGGCAACAGATGCTCCTGCCAG CAGTGAGCAGAATGGGGCACTACCAATGGGGACATTCTTTTCAGAGGACAGTACTCTGAC CTGCATGCAGCATTACGAGGAAGTCCAGACATCGGCCTCGGATCTGCTGGATTCCCAGGA CAGCACAGGGAAACAAAATGTCATCAGAGTCGGGAGCTGCCAGAATCCCTCCCAGAGG CGCAGTGGATAACCATGCTCACGGCGAGAAGTGTGGACGGGGACCAGGGGCTGGGGATGGA AGGGCCCTATGAAGTCTCAAGGACAGCTCCTCCAAGAAACATGGTGGAGGACTGCTTG TATGANACTGTGAAAGAGATCAAGGGAGGTGGCTGCAGCTGCACACCTGGAGAAAGCCAC AGTGGCAAGGCAAATCTACTTCTGCCTCGAAAGAGCTCCCAGGGCCCCAGACTGAAGGCA NAGCTGAGTTTGCTGAATATGCCCTCGGTGGACAGAAACANAAAAATGTCGTCAAAGTGGT TATGTANAGAGTATCCTTGGAAATTCATGTGATCCAGAAGAGAGGCCCCACCACCTGTTC CTGTTAAGCTTCTGGACGAGATGANACCTNCAGANAANGAAGGGGAAGGCGANNAATGCC CN</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_018440 unedited CTAGAGTCGAGNNNTTT TTTTAACTTTAAAAAATACCTACTTTCCTGCCTTTTGTATAAGGAAGGCCTGAAATGAAA CAAAAGTTTTGAGCTGTAAGGGCCTATAAAGGATGCTACTACAGCATTACAATGCTAG GTGTGTA AAAATGACATGTTGTTACCATGTAATAAAAAACCCATCTTGGGAAAAATCGC TCAAATCTTTAACACAAAGCAGTGAAAATCATCCAGCAAAGCAGGGCTTATGAAAAACT AAAATTCAAAAAATGCAAGGGACAAACTTCTCTTTAATCCAAGGGTATTCTGCTGTGAC CTTCTAATCAGGGATGATTGCGCTTATGCCACCACATTTTCTTGGGAAAAACCCGCTTG TTTGCAAATTAATGACCACCCCTTTTACCTCACCATAGCTCACTCTGCAATGTCAA CACGCCGTGTACAGCCACCACCAAGTTAAGCCTGAATACCGGGATGGAAAAACTTTTAC GGACCTGGTCTCTCCACATTTAAAAAATTTTTTCTCCAATTTATTTTTTGCATATAAA GGAAACCGCCCTATTTTATATTCAAACCCCTATGTCACAGGGGATGAAACACCCTTT TTTTTTTTTTTTTCAAGGAAGAAAGATTGTTTTCTTTCTCAACCTCTCAACTCCCCCTTA CCGGCCCCCTTTAAACAAAAGGTACCCTTCCCTCACCTGCCCTTACAACAAAACATTTAT CTCTCCCCCTCTGTCCCTCTTCTTTTCCCCCTGTTTCTTAAACATCGCCCAACAT CCCCGCCCTTTTCCGCACTTCTCCTCAACTCCTTCGTCCACACATTCCCCCTTTCGTC TTCCCTCTCCGGGCTTTCACCCCTTTTCTCCCCCCCCCTTTCACCCCAATCCCC CCCACCAACCCCAT</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_018440
Insert Size:	4170 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_018440.3](#), [NP_060910.3](#)

RefSeq Size: 10759 bp

RefSeq ORF: 1299 bp

Locus ID: 55824

UniProt ID: [Q9NWQ8](#)

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]