

Product datasheet for **RN210798**

Pag1 (NM_022253) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pag1 (NM_022253) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pag1
Synonyms:	Cbp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN210798 representing NM_022253
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGGACCTGCAGGAAGCGCCCTGAGCAGCGGGCAGATGCAGATGCAGATGGTGTCTGGGGAAGTCTGG
 CTGCGGTGGCCATGTTCTTCTCATCACCTTCTCATCCTTCTGTGCTCCAGTTGTGACAGAGACAAGAA
 GCCACGGCAGCATAGTGAGACCATGAGAGCCTGATGAATGTGCCTTCCGACAAGGAGATGTTTCAGCCAT
 TCAGCGACCAGCCTGACCACAGATGCACTGGCCAGCAGCGAACAAGATGGGGTGTCTACCAACGGCGACA
 TTCTTTTCAAGAAGCAGCACAATGACCTGCATGCAGCATTATGAGGAAGTCCAGACCTCAGCTTCAGATCT
 GCTGGACTCCCAGGACAGCACGGGAAAGGCCAAGTGCCACCAGAGCCGGGAAGTCCCGAATCCCGCT
 GAGAACGCAGTGGACGCGATGCTCACCGCCAGGGCCGAGATGGGGACTCCGGGCCCGCGTGGAGGGGC
 CCTACGAGGTGCTCAAGGATAGTTCTCCAGGAGAACATGGTGGAGGACTGCTTGTATGAGACAGTGAA
 GGAATCAAGGAGGTGGCAGACAAAAGCCAGGGCGCAAGTCCAAGTCCACTTCTGCCCTGAAGGAGCTT
 CAGGGGGCCACGCCAGGGCAAGGCCGACTTTGCTGAATACGCCTCTGTGGACAGAAAACAAAAGTGCC
 GCCACAGCACAATGCAGAGAGCATTCTGGGAACGTCCAGTGACCTGGATGAGGAAACCCACCGCTGT
 CCCAGTTAAACTTCTGGATGAGAATGCCAACCTTCCAGAGAAGGGAGAGCACGGGGCAGAAGAGCAAGCT
 CCAGAAGCACCCAGTGGACACAGCAAGAGATTTAGTTCCTTGTCATAAAGTCTCGAGAAGAAGACCCAA
 CTCTTACAGAAGAGGAGATCTCAGCAATGTATTCTTTCAGTGAATAAGCCTGGACAATCGGCACACAAACC
 TGGGCCGAATCTACCTGCCAGTGCCCGCAGGGTCCCCCTCAGAGGTATCATCTTCTGTAAACGACCTC
 TATGCCACTGTGAAAGACTTCGAGAAAACCTCCCAACAGCATCAGCATGCTGCCACCAGCAAGGAGGCCCG
 GTGAGGAACCAGAGCCTGACTATGAAGCCATACAGACTCTAAACAGAGAGGACGACAAGGTCCCTCTGGG
 GACCAATGGCCACCTTGTCCCAAGGAGAATGACTATGAGAGCATTGGGGACTTGACGAAGGCAGGGAT
 GTCACCAGGCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_022253

Insert Size: 1275 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_022253.1](#), [NP_071589.1](#)

RefSeq Size: 1353 bp
RefSeq ORF: 1275 bp
Locus ID: 64019
UniProt ID: [Q9JM80](#)
Cytogenetics: 2q23
Gene Summary: plays a role in negative regulation of FcepsilonRI signaling [RGD, Feb 2006]