

Product datasheet for MC202768

Pebp1 (NM_018858) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pebp1 (NM_018858) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pebp1
Synonyms: HCNP; Pbp; Pbp1; Pbpr; Rkip
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC083063 sequence for NM_018858
 GCCTTCCAACCTCCATCGCCATGGCCCGGACATCAGCCAGTGGGCCGGGCCCTTGTGCTTGCAGGAGG
 TGGACGAGCCCGCCAGCAGCCCTGCGGGTCGACTACGCCGGGTGACGGTGGACGAGCTGGGCAAAGT
 GCTAACGCCACCCAGGTTATGAACAGGCCAGCAGCATTTCATGGGACGGCCTTGATCCTGGGAAACTC
 TACACCCTGGTCTCACAGACCCGATGCTCCCAGCAGGAAGGATCCCAAATTCAGGGAGTGGCACCCT
 TCCTGGTGGTCAACATGAAGGTAATGACATTAGCAGTGGCACTGTCTCTCAGATTATGTGGGCTCCGG
 GCCTCCCAGTGGCACAGGTCTCCACCGCTATGTCTGGCTGGTGTACGAGCAGGAACAGCCGCTGAGTGC
 GACGAGCCATTCTCAGCAACAAGTCTGGAGACAATCGCGGAAGTTCAAGGTGGAGACCTCCGCAAGA
 AGTATAACCTGGGAGCCCGGTGGCGGCACGTGCTACCAAGCCGAGTGGGATGACTATGTGCCAAGCT
 GTACGAGCAGCTGTCAGGGAAGTAGGGGTGCTGCACAGGGGCCCCACAGCCTTGTTAAGTTGTGTAAG
 CATGCTTCCCGCCCGCCCTTGTACCTCTCATTGGGAGTCTTAGCTGTGCTAGGATAGAGGTTTA
 GGGTGTCTTCCCTCTTGCTGCCAGCCGTACGATTCTGGATAGTCCCATCCCAGGTTCTGTTTGATTGAG
 TTTAGGTTCCGTCTGGGAGGGGTCTAATGTTCTGATGGAGTCATTCTGTGTTGATATAAAAAAGCAA
 CTCTGAAAAAGGAAGCACTCCGCCAGGATCAGGTCTAGAGGAGAGCTGGAGCTGGTGGTGTCTGTGAGTG
 GTTGAACAAGGAACTGTCCAGAACCGGCACAGTGGGGTCTTTAAGGGCCCTGTCCCCAACTGAGACA
 ACTCAAGACTCCCATCTTAGCTGAGCCCTGACTGTCCAGATCAGGTGGTGCCTAGGTATCAAGTGTCTA
 AAGAACAGTGTGCTGTGGAGAGAGACCCTCTTAAGCCCTTGCTTCTCAGTGGGTAGGCAAAAGTCAC
 CTGAGCTGCCGAGTGTGTTGATCCTCTGTCAAGTACAAATAAAAAGGCATTGCATTGAGAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_018858
Insert Size: 564 bp



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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:	BC083063 , AAH83063
RefSeq Size:	1217 bp
RefSeq ORF:	564 bp
Locus ID:	23980
UniProt ID:	P70296
Cytogenetics:	5 56.88 cM
Gene Summary:	Binds ATP, opioids and phosphatidylethanolamine. Has lower affinity for phosphatidylinositol and phosphatidylcholine. Serine protease inhibitor which inhibits thrombin, neuropsin and chymotrypsin but not trypsin, tissue type plasminogen activator and elastase. Inhibits the kinase activity of RAF1 by inhibiting its activation and by dissociating the RAF1/MEK complex and acting as a competitive inhibitor of MEK phosphorylation (By similarity).[UniProtKB/Swiss-Prot Function]