

Product datasheet for MC202135

PPP1R1B (NM_144828) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPP1R1B (NM_144828) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	PPP1R1B
Synonyms:	AU040756; Dar; DARP; DARPP-32; Darpp32
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC026568 sequence for NM_144828 GGCGCGGAGAGGAAGAAGGCAGAGTGGGGGATAGACAGAAGCTGGTAGAGCAAGGCCGAGGGCAGCCCGC CGAGATAGCTCAGGCCGCGCAGCCAGAGCCCGCCGCCCCAAACCGTGGCGCGCAGCTAAGGCCGCGGGAT CCTGAGCTCTGACCTGGGGACGCTGAGCCCGCGCTGCAGGCGAGCCCGCTGTTTCACTCCTCCCGACCG TCGCGCGTTCTCCTCGTGGAGCGCGGGATTTTCTGGGTGCGGGGACAGTGTCTCCTCCTCCTCCGCG CAGCACGCGCCACCCGACGCTCCGGACAGCCGAGCAGGGCTCAGCCAGACACCCCAAGAAGCTCAGCCG CCCGCCATGGACCCCAAGGACCGCAAGAAGATTCAATTCTGTGCCGCGCCCGAGCCAGCTCGACC CCCGACAGGTGGAGATGATCCGGCGCCGGAGACCAACCCTGCCATGCTTTTCCGGGTCTCAGAGCACTC CTCACCAGAGGAGGAGCCTCTCCACATCAGAGAACCTCTGGAGAGGGGACCACCCAAAGTCGAAGAGA CCCAACCCTGTGCTATACGCCCCATCACTGAAAGCTGTGCAGCACCTGCAGACCATTAGCAACTTGA GTGAGAACCAGGCCTCGGAGGAAGAGGATGAGTTAGGGGAGCTTCGGGAGCTTGGTACCCACAGGAGGA TGATGAGGAGGATGAGGATGAAGAGGAGGACGAAGAAGAAGACAGCCAGGCGGAGGTCCTGAAAGGCAGC AGGGGCACTGTGGGGCAGAAGCCTACTTGTGGCCGGGGTCTGGAGGGGCCCTGGGAGCGCCACCTCCTC TGGATGAGCCCCAGAGAGATGAAAACCTCTGAGGACCAAGTGAAGGCAGAGCAACACTAAGTGAGCCTGG AGAGGAACCTCAGCATCCAGCCCCCTGAGCCTGGCACATAAGCTCAGAGCCCTGTATCTCCAGGAG GAAGTGTCCCGAAGCCACTCTGTCCACCCCTCTTTGTACCCTGTCTTTCACCTGTAGGGCTGC GGCTTCTGACTTTTAGAAGACTAAGGCTGGTCTCTGTTTGGTGAAGCCAGAGTCCCAATGCC TTTCCCTGCCAGTCATTTCTATTTACCCGGTGGGAGTAGGGAGGTGAGAGAGCCACACTGAAAACCC CAGAAGGCCATAAACAACCATTTATTCTCCACAAGTCCCCTCCCCTCCAGATTCTCCCCTGGGCACA GGAGACCCACAGGCAGGTCCTAAGATCTGGGGAAAGGAGTACTGAGAGCCTACAGGTGCCCTGAGATC TCTCCTTCCCCTACCAGTGGTGGGCGTTGAGTCCCAACCCTCTCATAGACTTCAACCAGGGCTCAGGT CTCACGATTCTTTGAGAGCCTCAACATGTCCCTCCCTTAGTATCCATTCTGCTGGGTGCCTGCAAG ATGGACTGGCAGAGGCTGCTTGTGCGTTTTGTTGTGCTTTGGTGCCAGGAATGCACCTACTATCTGTC CTTAGGGGGCCACACAGTGGGGGAGCCTGTTTCTCCTTGTCTCCAGCAACTGGTTCCCTTCCCCTTC TCCCCTACTCTAGGCCTGAACCCTCCTACGCTGTAATAAATCTTTGTAATAATAAAAAAAAAAAAAAA AA
Restriction Sites:	RsrII-NotI



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ACCN:	NM_144828
Insert Size:	585 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:	BC026568 , AAH26568
RefSeq Size:	1682 bp
RefSeq ORF:	585 bp
Locus ID:	19049
UniProt ID:	Q60829
Cytogenetics:	11 D
Gene Summary:	<p>This gene encodes a bifunctional signal transduction molecule. Dopaminergic and glutamatergic receptor stimulation regulates its phosphorylation and function as a kinase or phosphatase inhibitor. As a target for dopamine, this gene may serve as a therapeutic target for neurologic and psychiatric disorders in humans. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2015]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>