

TGGTCAAGCCAGAACATGAGAACCGCATCAGCCACGTTAGTACGTCCAGTGTGAAGACTGGTATCGCCAA
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TGCCATCTCACCTCAGGGAAATGAGAAGACTACTCGGCGGAACCAGAATTATCTGGACATCCTGCGTCTTC
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AGGAGATATCTTTCCACCCACCTACCGCTACGAGCGGGTCCCGAGACACATATGCTTGGCACAAGCA
GAAGCCAACCTGGGTCCGGACCAATGTGCCTTCATGGTGTGACCGGATTCTATGGAAATCCTATCCTGAA
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CTACATTGAGTTTGGAGCATCGAGGCCATCGTGAAGACGGCCAGCCGACCAAGTTCTTATTGAGTTC
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TCCTCAAGGTGCAGTGGTCTCGCGCCAGCTGCCACGCTCAAGCCAATTCTGGTGCATTGAGTACCT
GCAGGATCAGCATCTCCTGCTCACAGTCAAGTCCATGGATGGCTACGAATCATATGGGGAGTGTGTGGT
GCACTCAAATCCATGATTGGCAGCACGGCCAGCAGTTCTTGACCTTCTGTCCCACCGTGGAGAGGAGA
CAGGCAACATTCGTGGCTCCATGAAGGTGCGGGTGGCCACAGAAGCCTGGGCACCCGTGAGCGGCTCTA
TGAATGGATTAGCATTGATAAGGATGACACAGGAGCCAAAAGCAAGGCTCCTTCAGTGTGCGGGGACGC
CAGGAGCACAGATCTGGGAGCCGCAAGCCAACCTCCACAGAGGCCCTCTGTCCACTGTCCAAGTTGTTTG
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CTTGAACCCAGGTTGAAGTCAAGGGGACACCTGAACAGGAAGGAGTAGCAGCCCTCCACCCAAGAAC
AGCTTCAATAACCCTGCCTACTACGTCTTGAAGGGTCCCACATCAGCTGCTGCCCTGGAGCCAACCT
CATTTGCCAGGGCCCTATCCCACCTACCACCAAGAACAAGTGGCCATCACAGTGCCTGCTCCTCAGCT
TGGGCGCCACCGACCCCTCGTGTGGGGAGGGAAGCTTTCGGATGAGGACTCTGGGGGCACACTGCT
CCTCCAGACTTCCCACCTCCACCACTGCCAGACTCAGCCATCTTCTGCCCCCTAACCTGGATCCTTTAT
CAATGCCAGTGGTCAGGGGCCAAGTGTGGGTGAGGCCGTGGCCACCACCTCCCAAGGCCATCCAAG
ACCACCACTACCGCCGGGCACCTCACCTGCCAGTACTTTTTTGAAGAGGTTGCAAGTGCAGGATGACCGG
TCTTGCTCAGTACTGCAGATGGCCAAGACTCAGTGAGGTAGATTATTCTCCTGGGCTGGACGCTCAG
CACTCCTCCCAACCCCTTGAATTGCAGCTTCCCGAGGGCCCTCGGACTACGGACGACCCCTCAGCTT
CCCTCCACCCGCATCCGGGAGAGCATCCAAGAAGACTTGGCAGAGGAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001270843
- Insert Size:** 3552 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001270843.1](#), [NP_001257772.1](#)

RefSeq Size: 4640 bp

RefSeq ORF: 3552 bp

Locus ID: 65038

UniProt ID: [Q9WVR3](#)

Cytogenetics: 1q32

Gene Summary: phosphatase that plays a negative regulatory role in insulin-induced mitogenesis [RGD, Feb 2006]

Transcript Variant: This variant (2) differs in the 5' UTR and lacks an internal exon in the 3' coding region, compared to variant 1. The resulting isoform (2) is C-terminal truncated, compared to isoform 1.