

Product datasheet for MC201445

Pthr2 (NM_175004) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pthr2 (NM_175004) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pthr2
Synonyms:	A230072I16Rik; Bit1; CGI-147
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC026947 sequence for NM_175004 CGAGACGTGCTCCAGGGTTTCTCAGTGTAGCCCTGGCTGTCCTGGAACCTCACTCTGAAGACCAGGCTGGC CTTGAACCTCAGAGATCTGCTCAACTGCTGGGATTAATGATGCTCTCCAAGTTCTTGACTATGGAGTATTT GGTTCATCCTGGTACACTCAGCTTGGCTGCTGGAGTTGCTTGTGGCATGTGCCTGGGCTGGGGCCTCCGG AGCCACCTTGGTATGTTCCCCAGAAGTCAACAAGTGAGGCAAAATAGAGACACAGAGACTGGAAGTGAAG CAAGCATCTTGGGAGAGAGTGGGAATACAAAATGATTCTTGTGGTTCGAACTGACCTTAAAAATGGGGAA AGGGAAGGTTGCTGCCAGTGTCTCATGCTGCCGTGTCTGCCTACAAGCAGACTCAAAGGAGAAGCCCT CAAGTGTCAAAGAGTGGGAGTACTGTGGCCAGCCCAAAGTGGTGGTCAAAGCTCCAGATGAAGACCC TCATTCAATTACTCACCCATGCAAAAACCTTGGGACTGACTGTAAGTTTAAATCCAAGATGCTGGACGTAC TCAGATTGAACCAGGTTCTCGAACTGTCCTGGGAATTGGGCCAGGACCAGTAGAACTAATTGATGAAGTT ACTGGCCACCTAAAACCTTACTAGATAAGCTTTTGTCTGATGGAGATTCTGTCCGAAGACTATGGAGCCT GTCAGTAAACAATAAATGCTTAATTCTTGTCCACTTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AAAAAAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_175004
Insert Size:	546 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).



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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: [BC026947](#), [AAH26947](#)

RefSeq Size: 779 bp

RefSeq ORF: 546 bp

Locus ID: 217057

UniProt ID: [Q8R2Y8](#)

Cytogenetics: 11 C

Gene Summary: The natural substrate for this enzyme may be peptidyl-tRNAs which drop off the ribosome during protein synthesis.[UniProtKB/Swiss-Prot Function]