

Product datasheet for **SC320414**

PCID1 (EIF3M) (NM_006360) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PCID1 (EIF3M) (NM_006360) Human Untagged Clone
Tag:	Tag Free
Symbol:	PCID1
Synonyms:	B5; GA17; hfl-B5; PCID1; TANGO7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_006360.3
 GTGGTCTTGCGAGTGGAGTGTCCGCTGTGCCCGGGCCTGCACCATGAGCGTCCCGCCTT
 CATCGACATCAGTGAAGAAGATCAGGCTGCTGAGCTTCGTGCTTATCTGAAATCTAAAGG
 AGCTGAGATTTTCAAGAAGAGAAGTTCGGAAGGTGGACTTCATGTTGATTTAGCTCAAATTAT
 TGAAGCCTGTGATGTGTCTGAAGGAGGATGATAAAGATGTTGAAAGTGTGATGAACAG
 TGTGGTATCCCTACTCTTGATCCTGGAACCAGACAAGCAAGAAGCTTTGATTGAAAGCCT
 ATGTGAAAAGCTGGTCAAATTTTCGGAAGGTGAACGCCCGTCTCTGAGACTGCAGTTGTT
 AAGCAACCTTTTCCACGGGATGGATAAGAATACTCCTGTAAGATACACAGTGTATTGCAG
 CCTTATTAAGTGGCAGCATCTTGTGGGGCCATCCAGTACATCCCAACTGAGCTGGATCA
 AGTTAGAAAATGGATTTCTGACTGGAATCTCACCCTGAAAAAAGCACACCCTTTTAAG
 ACTACTTTATGAGCACTTGTGGATTGTAAGAAGAGTGTGCTGCTTCAAAGTCATGGT
 GGAATTGCTCGGAAGTTACACAGAGGACAATGCTTCCCAGGCTCGAGTTGATGCCACAG
 GTGATTTGTACGAGCATTGAAAGATCCAAATGCATTTCTTTTTGACCACCTTCTACTTT
 AAAACAGTCAAGTTTTTGAAGGCGAGCTTATTCATGATCTTTTAACCATTTTTGTGAG
 TGCTAAATTTGGCATCATATGTCAAGTTTTATCAGAATAATAAAGACTTCATTGATCACT
 TGGCCTGTTACATGAACAGAATATGGCAAAAATGAGACTACTTACTTTTATGGGAATGGC
 AGTAGAAAATAAGGAAATTTCTTTTGACACAATGCAGCAAGAAGTTCAGATTGGAGCTGA
 TGATGTTGAAGCATTTGTTATTGACGCCGTAAGAAGTAAATGGTCTACTGCAAAAATTGA
 TCAGACCCAGAGAAAAGTAGTTGTCAGTCATAGCACACATCGGACATTTGGAAAACAGCA
 GTGGCAACAAGTGTATGACACACTTAATGCCTGGAAACAAAATCTGAACAAAGTGAAAAA
 CAGCCTTTTGTGAGTCTTTCTGATACCTGAGTTTTTATGCTTATAATTTTTGTTCTTTGAAA
 AAAAAAGCCCTAAATCATAGTAAACATTATAAACTAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites:	Please inquire
ACCN:	NM_006360



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OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_006360.3](#), [NP_006351.2](#)

RefSeq Size: 1259 bp

RefSeq ORF: 1125 bp

Locus ID: 10480

UniProt ID: [Q7L2H7](#)

Cytogenetics: 11p13

Domains: PCI

Gene Summary: This gene encodes a protein that is part of the eukaryotic translation initiation factor 3 complete (eIF-3) required for protein synthesis. Elevated levels of the encoded protein are present in cancer cell lines. Inactivation of the encoded protein has been shown to interfere with translation of herpes virus mRNAs by preventing the association of mRNAs with the ribosomes. A pseudogene of this gene is located on the X chromosome. [provided by RefSeq, Dec 2011]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).