

Product datasheet for **SC319677**

PREI3 (MOB4) (NM_199482) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: PREI3 (MOB4) (NM_199482) Human Untagged Clone
Tag: Tag Free
Symbol: PREI3
Synonyms: 2C4D; CGI-95; MOB1; MOB3; MOBKL3; PHOCN; PREI3
Mammalian Cell Selection: None
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_199482.1
 CCCTACATCCGGTACCGACTCCAGCCGCCTAGACGCTGGCACTATGGTCATGGCGGAGG
 GGACGGCAGTGCTGAGGCGGAACAGGCCGGGCACCAAGGCGCAGGATTTCTATAATTGGC
 CTGATGAATCCTTTGATGAAATGGACAGTACACTAGCTGTTCAACAGTATATTCAACAGA
 ACATAAGAGCAGATTGCTCCAATATTGACAAAATTCTTGAACCACCTGAAGGCCAAGATG
 AAGGTGTGTGGAAGTATGAACATTTAAGGCAGTTCTGCCTTGAGCTAAATGGACTTGCTG
 TCAAACCTCAGAGTGAATGCCATCCAGATACTTGCCTCAAAATGACAGCAACTGAACAAT
 GGGTTTTCTTTGTGCAGCTCATAAACTCCAAAAGAGTGCCTGCTATAGACTATACTA
 GACACACACTTGATGGTGTGCTGTCTTCTGAATAGCAATAAATATTTCCAGCAGGG
 TTAGCATAAAGGAATCATCTGTAGCGAACTAGGATCAGTATGCCGTAGGATTTACAGAA
 TATTTTACATGCTTATTTTTCATCATCGGCAGATATTTGATGAATATGAAAATGAAACAT
 TTTTGTGTCATCGGTTTACTAAGTTTGTGATGAAATACAATTTGATGTCCAAGGATAACC
 TGATTGTACCAATTTTAGAAGAGGAAGTACAGAATTCAGTTTCTGGGAAAGTGAAGCAT
 GAAGGGAATCATAGGAAAATGTACTGATCATATAATTAACATTATGACTGTATATATC
 ATTTTAGACACATCAATCATGTATCCATATTATAGCTTCTTTGTTTAGTATAGGTTTTTG
 TATGCTGGGTTTGCCTTTAAAATGGGAAATACTTTTTAAGTTATTTCATAAGCTGTATAT
 TCACCAGTGTGGCACTCATGGTTTTTAAATAAGATTAGTATTATCTGTTTATAATGCCTG
 TTAATAAAAGAATTTACAGTTTGATAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_199482

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).



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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:	<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:	NM_199482.1 , NP_955776.1
RefSeq Size:	2698 bp
RefSeq ORF:	582 bp
Locus ID:	25843
UniProt ID:	Q9Y3A3
Cytogenetics:	2q33.1
Gene Summary:	<p>This gene was identified based on its similarity with the mouse counterpart. Studies of the mouse counterpart suggest that the expression of this gene may be regulated during oocyte maturation and preimplantation following zygotic gene activation. Alternatively spliced transcript variants encoding distinct isoforms have been observed. Naturally occurring read-through transcription occurs between this locus and the neighboring locus HSPE1.[provided by RefSeq, Feb 2011]</p> <p>Transcript Variant: This variant (2) uses an alternate exon at its 5' end compared to variant 1, resulting in a different 5' UTR and translation initiation at a downstream start codon. The resulting isoform (2) has a shorter N-terminus compared to isoform 1. Variants 2 and 4 encode the same isoform (2). Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript was available for the full length of the gene. The extent of this transcript is supported by transcript alignments.</p>