

Product datasheet for **SC336442**

PRAME (NM_001291719) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRAME (NM_001291719) Human Untagged Clone
Tag:	Tag Free
Symbol:	PRAME
Synonyms:	CT130; MAPE; OIP-4; OIP4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC336442 representing NM_001291719.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

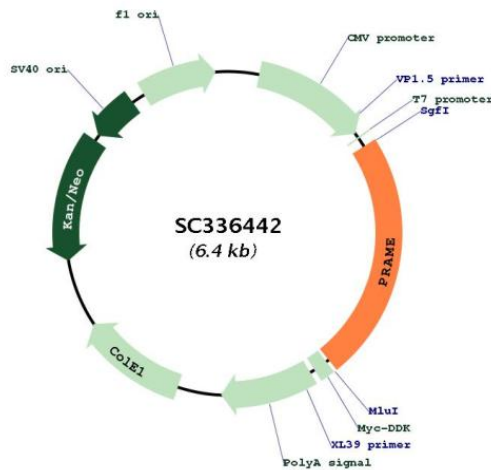
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GGGAGACACAGCCAGACCCTGAAGGCAATGGTGCAGGCCTGGCCCTTACCTGCCTCCTCTGGGAGTG
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Restriction Sites:

SgfI-MluI

Plasmid Map:



ACCN:

NM_001291719

Insert Size:	1482 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:	<u>NM_001291719.1</u>
RefSeq Size:	2099 bp
RefSeq ORF:	1482 bp
Locus ID:	23532
UniProt ID:	<u>P78395</u>
Cytogenetics:	22q11.22
MW:	55.9 kDa
Gene Summary:	<p>This gene encodes an antigen that is preferentially expressed in human melanomas and that is recognized by cytolytic T lymphocytes. It is not expressed in normal tissues, except testis. The encoded protein acts as a repressor of retinoic acid receptor, and likely confers a growth advantage to cancer cells via this function. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2014]</p> <p>Transcript Variant: This variant (9) differs in the 5' UTR, lacks part of the 5' coding region, and uses a downstream start codon, compared to variant 2. The encoded isoform (b) has a shorter N-terminus, compared to isoform a. Variants 9-11 encode the same isoform (b).</p>