

Product datasheet for SC330905

Epigen (EPGN) (NM_001270993) Human Untagged Clone

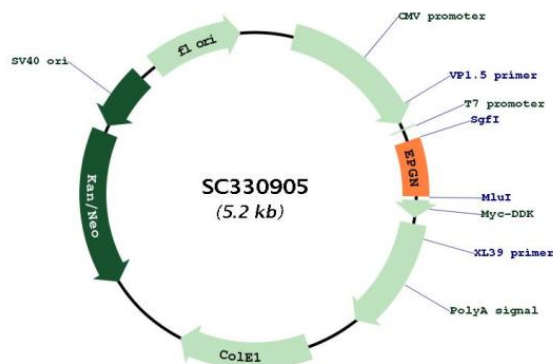
Product data:

Product Type:	Expression Plasmids
Product Name:	Epigen (EPGN) (NM_001270993) Human Untagged Clone
Tag:	Tag Free
Symbol:	EPGN
Synonyms:	ALGV3072; EPG; PRO9904
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC330905 representing NM_001270993. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGGCTTTGGGAGTTCCAATATCAGTCTATCTTTTATTCAACGCAATGACAGCACTGACCGAAGAGGCA
GCCGTGACTGTAACACCTCCAATCACAGCCAGCAAGCTGACAACATAGAAGACCCATAGCCTTGAAG
TTCTCACACCTTTGCCTGGAAGATCATAACAGTTACTGCATCAACGGTGTGTGCATTCCACCATGAG
CTAGAGAAAGCCATCTGCAGGTGTCTAAAATTGAAATCGCCTTACAATGTCTGTTCTGGAGAAAGACGA
CCACTGTGA
```

Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001270993

Insert Size: 285 bp



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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:

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_001270993.1](#)

RefSeq Size: 2515 bp

RefSeq ORF: 285 bp

Locus ID: 255324

UniProt ID: [Q6UW88](#)

Cytogenetics: 4q13.3

Protein Families: Transmembrane

MW: 10.3 kDa

Gene Summary: The protein encoded by this gene is a member of the epidermal growth factor family. Members of this family are ligands for the epidermal growth factor receptor and play a role in cell survival, proliferation and migration. This protein has been reported to have high mitogenic activity but low affinity for its receptor. Expression of this transcript and protein have been reported in cancer specimens of the breast, bladder, and prostate. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012]
 Transcript Variant: This variant (5) uses an alternate in-frame splice site and lacks an alternate in-frame exon in the coding region compared to variant 1. It encodes isoform 5 (also known as isoform G) which is shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.