

## Product datasheet for **TP723084**

### Epigen (EPGN) (NM\_001013442) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human epithelial mitogen homolog (mouse) (EPGN).
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	AVTVTPPITA QQADNIEGPI ALKFSLCLE DHNSYINGA CAFHHELEKA ICRCFTGYTG ERCEHLTLTS YA
Tag:	Tag Free
Predicted MW:	7.9 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 $\mu$ M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bioactivity:	Determined by the dose-dependent stimulation of the proliferation of murine Balb/3T3 cells. The expected ED50 for this effect is 150-300 ng/ml.
Endotoxin:	Endotoxin level is < 0.1 ng/ $\mu$ g of protein (< 1 EU/ $\mu$ g)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	<a href="#">NP_001013460</a>
Locus ID:	255324
UniProt ID:	<a href="#">Q6UW88</a>
RefSeq Size:	847
Cytogenetics:	4q13.3
RefSeq ORF:	399
Synonyms:	ALGV3072; EPG; epigen; PRO9904



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**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]

**Protein Families:**

Transmembrane

**Product images:**