

Active Recombinant Human EPGN protein

Cat. No. EPGN-014H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EPGN was expressed in E.coli.
Species	Human
Source	E.coli
Description	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
Form	Lyophilized from a 0.2 M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bio-activity	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.
Molecular Mass	7.9 kDa
AA Sequence	AVTVTPPITAQQADNIEGPIALKFSHLCLEDHNSYINGACAFHHELEKAICRCFTGYT GERCEHLTLTSYA
Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).

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Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
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Concentration	Resuspend the protein in the desired concentration in proper buffer
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GENE INFORMATION

Gene Name	EPGN epithelial mitogen [Homo sapiens (human)]
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Official Symbol	EPGN
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Synonyms	EPG; PRO9904; ALGV3072; EPGN;
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Gene ID	255324
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mRNA Refseq	NM_001013442
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Protein Refseq	NP_001013460
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UniProt ID	Q6UW88
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