

Recombinant Human EPGN Protein, His-tagged

Cat. No. EPGN-235H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EPGN(23-110aa) fused with His tag at C-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	23-110aa
Description	EPGN, also known as epigen isoform 1, is a novel member of the epidermal growth factor superfamily. It is the last ligand of ErbB receptors and reveals intricate relationships between affinity and mitogenicity. It stimulated the proliferation of HaCaT cells, and this proliferation was blocked by an antibody to the extracellular domain of the receptor tyrosine kinase c-erbB-1. It also may constitute a novel molecular target for wound-healing therapy with its ability to promote the growth of epithelial cells. It has been reported to have high mitogenic activity but low affinity for its receptor. It has been reported in cancer specimens of the breast, bladder, and prostate.
Form	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Molecular Mass	10.8kDa (97aa) 13.5-18kDa (SDS-PAGE under reducing conditions)
AA Sequence	ADPAAVTVP PITAQQGNWT VNKTEADNIE GPIALKFSHL CLEDHNSYCI NGACAFHHEL EKAICRCFTG YTGERCEHLT LTSYAVDSYE

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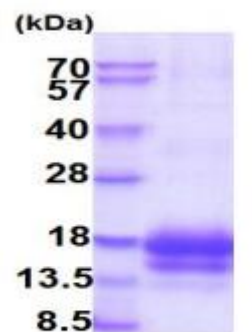
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Purity	> 90% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml (determined by Absorbance at 280)
GENE INFORMATION	
Gene Name	EPGN epithelial mitogen homolog (mouse) [Homo sapiens]
Official Symbol	EPGN
Synonyms	EPGN; epithelial mitogen homolog (mouse); epigen; ALGV3072; EPG; PRO9904; FLJ75542;
Gene ID	255324
mRNA Refseq	NM_001270989
Protein Refseq	NP_001257918
UniProt ID	Q6UW88

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15% SDS-PAGE (3ug)

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