

Recombinant Human EPGN, His-tagged

Cat. No. EPGN-2332H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human EPGN, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	111aa
Description	EPGN 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 has been reported in cancer specimens of the breast, bladder, and prostate. Alternative splicing results in multiple transcript variants.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol
Molecular Mass	12.1kDa
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSAAVTVTP PITAQQGNWT VNKTEADNIE GPIALKFSHL CLEDHNSYCI NGACAFHHEL EKAICRCFTGYTGERCEHLT LTSYAVDSYE K
Purity	>90% by SDS - PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	SDS-PAGE
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/ml
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_001013442
Protein Refseq	NP_001013460
UniProt ID	Q6UW88
Chromosome Location	4q13.3
Function	MAP kinase kinase activity; epidermal growth factor receptor binding; growth factor activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA