

Active Recombinant Human EPGN Protein

Cat. No. EPGN-022H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The mature recombinant human EPGN protein containing 51aa (L54-A104) without tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	54-104 a.a.
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.
Bio-activity	Measured in a cell proliferation assay using Balb/3T3 mouse embryonic fibroblast cells. The ED50 for this effect is 100-500 ng/mL.
Molecular Mass	6 kDa
Product-Related Proteins	54-104

 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

Endotoxin	< 0.1 EU/μg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	At -80 centigrade. Avoid repeated freeze-thaw cycles.
Storage Buffer	PBS

GENE INFORMATION

Gene Name	EPGN epithelial mitogen [Homo sapiens (human)]
Official Symbol	EPGN
Synonyms	EPGN; epithelial mitogen; EPG; PRO9904; ALGV3072; epigen; epithelial mitogen homolog
Gene ID	255324
mRNA Refseq	NM_001270993
Protein Refseq	NP_001257922
MIM	618717
UniProt ID	Q6UW88

 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