

Epigen (EPGN), human recombinant protein
EPG, Epigen, PRO9904, ALGV3072, FLJ75542, EPGN, Epithelial mitogen.
Catalog # PBV10513r

Specification

Epigen (EPGN), human recombinant protein - Product info

Primary Accession [Q6UW88](#)
Calculated MW **7.9 kDa** KDa

Epigen (EPGN), human recombinant protein - Additional Info

Gene ID **255324**
Gene Symbol **EPGN**
Other Names
EPG, Epigen, PRO9904, ALGV3072, FLJ75542, EPGN, Epithelial mitogen.

Gene Source **Human**
Source **E. coli**
Assay&Purity **SDS-PAGE; ≥98%**
Assay2&Purity2 **HPLC; ≥98%**
Recombinant **Yes**
Results **150-300 ng/ml**

Application Notes

Reconstitute in sterile dH₂O not less than 100 µg/ml. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

Format

Lyophilized protein

Storage

-20°C; Sterile filtered and lyophilized from 20 mM PBS buffer pH-7.4 containing 130 mM sodium chloride

Epigen (EPGN), human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Epigen (EPGN), human recombinant protein - Images

Epigen (EPGN), human recombinant protein - Background

EPGN is an EGF-related polypeptide growth factor that signals through the ErbB receptor-1. EPGN is produced in numerous tissues, including the testis, liver, heart and in certain tumor cells. EPGN is mitogenic for fibroblasts and epithelial cells. Human EPGN is originally synthesized as a glycosylated 14.7 kDa transmembrane precursor protein, which is processed by proteolytic cleavage to produce a mature soluble sequence. Recombinant Human epigen produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 72 amino acids and having a molecular mass of 7.9 kDa. Epigen is purified by proprietary chromatographic techniques.

Epigen (EPGN), human recombinant protein - References

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