

AR51156PU-N

Human Epigen (23-110, His-tag) - Purified

Alternate names:

EPG, EPGN, Epithelial mitogen

Quantity:

0.5 mg

Concentration:

1 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:

[Q6JW88](#)

NCBI:

[NP_001257918](#)

GeneID:

[255324](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >90% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol

Description:

Recombinant human EPGN, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHH SSGLVPRGSH MGSAAVTVTP PITAQQGNWT VNKTEADNIE GPIALKFSLH
CLEDHNSYCI NGACAFHHEL EKAICRCFTG YTGERCEHLT LTSYAVDSYE K

Molecular weight: 12.1 kDa (111aa)

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Kennedy,R.B., et al. (2012) Hum. Genet. 131 (9), 1403-1421 Wilson,K.J., et al. (2012) Growth Factors 30 (2), 107-116

Pictures:

