

Recombinant human Epigen protein

Catalog Number: ATGP2332

PRODUCT INFORMATION

Expression system

E.coli

Domain

23-110aa

UniProt No.

Q6UW88

NCBI Accession No.

NP_001257918

Alternative Names

epigen isoform 1 precursor, ALGV3072, EPG, PRO9904

PRODUCT SPECIFICATION

Molecular Weight

12.1 kDa (111aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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

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Amino acid Sequence

MGSSHHHHHHH SSGLVPRGSH MGSAAVTVTP PITAQQGNWT VNKTEADNIE GPIALKFSLH CLEDHNSYCI NGACAFHHEL
EKAICRCFTG YTGRCCEHLT LTSYAVDSYE K

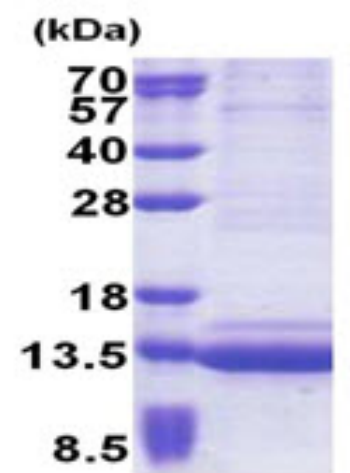
General References

Kennedy,R.B., et al. (2012) Hum. Genet. 131 (9), 1403-1421

Wilson,K.J., et al. (2012) Growth Factors 30 (2), 107-116

DATA

SDS-PAGE



15% SDS-PAGE (3ug)

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.