

Product information



EPGN, 23-110aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP2332

Full name: epigen isoform 1 precursor

NCBI Accession No.: NP_001257918

Synonyms: ALGV3072, EPG, PRO9904

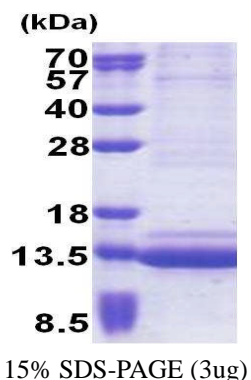
Description: EPGN is a member of the epidermal growth factor family. Members of this family are ligands for the epidermal growth factor receptor and play a role in cell survival, proliferation and migration. This protein has been reported to have high mitogenic activity but low affinity for its receptor. 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.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol

Molecular Weight: 12.1kDa (111aa)

Purity: > 90% by SDS - PAGE

Concentration: 1 mg/ml (determined by Bradford assay)



Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MGSAAVTVTP PITAQQGNWT VNKTEADNIE GPIALKFSHL CLEDHNSYCI NGACAFHHEL EKAICRCFTG YTGRCHEHLT 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

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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