

Datasheet for ABIN5853246

**Epigen Protein (AA 23-110) (His tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	Epigen (EPGN)
Protein Characteristics:	AA 23-110
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Epigen protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	MGSSHHHHHH SSSLVPRGSH MGSAAVTVTP PITAQQGNWT VNKTEADNIE GPIALKFSHL CLEDHNSYCI NGACAFHHEL EKAICRCFTG YTGERCEHLT LTSYAVDSYE K
Purity:	> 90 % by SDS - PAGE

## Target Details

Target:	Epigen (EPGN)
Alternative Name:	EPGN ( <a href="#">EPGN Products</a> )
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

## Target Details

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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.

Molecular Weight: 12.1kDa (111aa)

NCBI Accession: [NP\\_001257918](#)

UniProt: [Q6UW88](#)

Pathways: [RTK Signaling, EGFR Signaling Pathway](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Denatured

Restrictions: For Research Use only

## Handling

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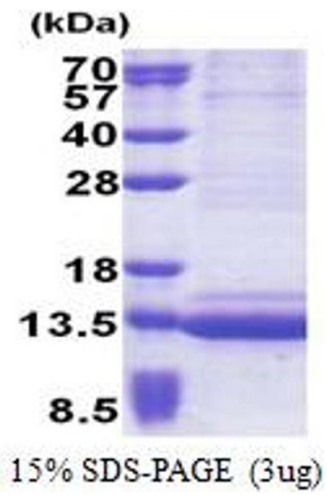
Format: Liquid

Concentration: 1 mg/mL

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

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



SDS-PAGE

Image 1.