

Product datasheet for PH314501

Epigen (EPGN) (NM_001013442) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	EPGN MS Standard C13 and N15-labeled recombinant protein (NP_001013460)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC214501
Predicted MW:	14.6 kDa
Protein Sequence:	>RC214501 representing NM_001013442 Red =Cloning site Green =Tags(s) MALGVPISVYLLFNAMTALTEEAAVTVTPPITAQQADNIEGPIALKFSHLCLEDHNSYINGACAFHHEL EKAICRCFTGYTGERCEHLTLTSYAVDSYEKYIAIGIGVGLLLSGFLVIFYCYIRKRYEKDKI TR TRPLE QKLISEEDLAANDILDYKDDDDK V
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001013460
RefSeq Size:	847
RefSeq ORF:	399
Synonyms:	ALGV3072; EPG; epigen; PRO9904
Locus ID:	255324
UniProt ID:	Q6UW88
Cytogenetics:	4q13.3



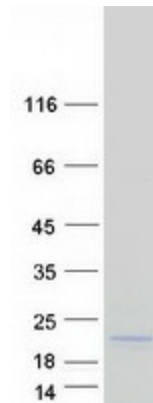
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Summary:

The protein encoded by this gene 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 have been reported in cancer specimens of the breast, bladder, and prostate. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012]

Protein Families:

Transmembrane

Product images:

Coomassie blue staining of purified EPGN protein (Cat# [TP314501]). The protein was produced from HEK293T cells transfected with EPGN cDNA clone (Cat# [RC214501]) using MegaTran 2.0 (Cat# [TT210002]).