

Epigen Protein, Human \times E. coli \times

Cat. No.:	HY-P7010B
Synonyms:	rHuEpigen; Epithelial mitogen; EPG
Species:	Human
Source:	E. coli
Accession:	Q6UW88-1 (A24-A104)
Gene ID:	255324
Molecular Weight:	Approximately 9 kDa

PROPERTIES

AA Sequence	AVTVTPPITA QQGNWTVNKT EADNIEGPIA LKFSHLCLED HNSYCINGAC AFHHELEKAI CRCFTGYTGE RCEHLTLTSY A
Biological Activity	Measured in a cell proliferation assay using Balb/3T3 mouse embryonic fibroblast cells. The ED ₅₀ for this effect is 116.1 ng/mL, corresponding to a specific activity is 8.61×10 ³ units/mg.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

Caution: Product has not been fully validated for medical applications. For research use only.

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