

32-1149: EPGN His Recombinant Protein

Alternative Name : EPG, Epigen, PRO9904, ALGV3072, FLJ75542, EPGN, Epithelial mitogen.

Description

Source : Escherichia Coli. EPGN Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 111 amino acids (23-110 a.a) and having a molecular mass of 12.1kDa. EPGN is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. EPGN is an EGF-related polypeptide growth factor that signals through the ErbB receptor-1. EPGN is produced in numerous tissues, including the testis, liver, heart and in certain tumor cells. EPGN is mitogenic for fibroblasts and epithelial cells. Human EPGN is originally synthesized as a glycosylated 14.7 kDa transmembrane precursor protein, which is processed by proteolytic cleavage to produce a mature soluble sequence.

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	EPGN protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.4M Urea.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHH SSGLVPRGSH MGSAAVTVTP PITAQQGNWT VNKTEADNIE GPIALKFSLH CLEDHNSYCI NGACAFHHEL EKAICRCFTG YTGERCEHLT LTSYAVDSYE K

