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TYMP, 11-482aa, Human, His tag, E.coli

产品货号: TP04364

第三版

别名: ECGF1, hPD-ECGF, MNGIE, PDECGF, TP, Gliostatin, Thymidine phosphorylase

描述: Thymidine phosphorylase precursor, also known TYMP, is a platelet-derived endothelial cell growth factor that catalyzes the formation of thymine and 2-deoxy-D-ribose-1-phosphate from thymidine and orthophosphate. It is an angiogenic inducer that potently stimulates the growth of endothelial cells and induces chemotaxis. Increased expression of TYMP is seen in a wide variety of different solid tumors and inflammatory diseases and is often associated with poor prognosis. Recombinant human TYMP protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol

分子量: 51.3 kDa (493aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMAPPAPGDFSGEGSQGLPDPSPPEPKQLPELIRMKRDGGRLSEADIRGFVAADVNGSAQG
AQIGAMLMAIRLRGMDLEETSVLTQALAQSGQQLWPEAWRQQLVDKHSTGGVGDKVSLLVAPALAAACGCKVPMISG
RGLGHTGGTLDKLESIPGFNVISPEQMQVLLDQAGCCIVGQSEQLVPADGILYAARDVTATVDSLPLITASILSKKLVEGL
SALVVDVKFGGAAVFPNQEQAARELAKTLVGVGASLGLRVAAALTAMDKPLGRCVGHAVEVEEALLCMDGAGPPDLRDL
VTTLGGALLWLSGHAGTQAQGAARVAAALDDGSALGRFERMLAAQGVDPGLARALCSGSPAERRQLLPRAREQEELLAP
ADGTVELVRALPLALVLHELGAQRSRAGEPLRLGVGAELLVDVGQRLRRGTPWLRVHRDGPALSGPQSRALQEALVLSDR
APFAAPSPFAELVLPQQ

纯度: > 95% by HPLC

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

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.