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SHH, 24-197aa, Human, His tag, E.coli

产品货号: TP03933

第三版

别名:Sonic hedgehog protein, HHG1, HLP3, HPE3, SMMCI, TPT, TPTPS

描述:SHH, also known as Sonic hedgehog protein, is one of three proteins in the mammalian signaling pathway family called hedgehog. It plays a key role in regulating vertebrate organogenesis, such as in the growth of digits on limbs and organization of the brain. It controls cell division of adult stem cells and has been implicated in development of some cancers. Recombinant human SHH protein, fused to His-tag at C-terminus was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl

分子量:20.7 kDa (183aa) confirmed by MALDI-TOF

序列:

MCGPGRGFGKRRHPKLTPLAYKQFIPNVAEKT LGASGRYEGKISRNSERFKELTPNYPDIIFKDEENTGADRLMTQRCK
DKLNALAI SVMNQWPGVKLRVTEGWDEEDGHHSEESLHYEGRAVDITTSRDRSKYGMLARLAVEAGFDWVYYESKAHI
HCSVKAENSVAAKSGGLEHHHHHH

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.