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SHH, 25-198 aa, Mouse, His-tagged, Recombinant, E.coli

产品货号: TP03934

第三版

别名:Sonic hedgehog protein, Dsh, Hhg1, Hx, Hx13.

描述:SHH is one of three proteins in the mammalian signaling pathway family called hedgehog, the others being desert hedgehog (DHH) and Indian hedgehog (IHH). This protein is the best studied ligand of the hedgehog signaling pathway. It plays a key role in regulating vertebrate organogenesis. SHH contains amino-terminal signal peptides and apparently function as secreted proteins involved in the mediation of various cell-cell interactions. Recombinant mouse SHH protein, fused to His-tag at C-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 10% glycerol 1mM DTT.

分子量:20.8 kDa (183aa)

序列:

MCGPGRGFGKRRHPKKLTPPLAYKQFIPNVAEKT LGASGRYEGKITRNSERFKELTPNYNPDIIIFKDEENTGADRLMTQRCK
DKLNALAISVMNQWPGVKLRVTEGWDEGDHSEESLHYEGRAVDITSDRDRSKYGMLARLAVEAGFDWVYYESKAHI
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.