

Recombinant Human Sonic Hedgehog (C24II) , His-SUMO Tag

编号: PY2268

规格: 5 µg
20 µg
100 µg
500 µg
1 mg

类别: 重组蛋白

应用: Functional Assay

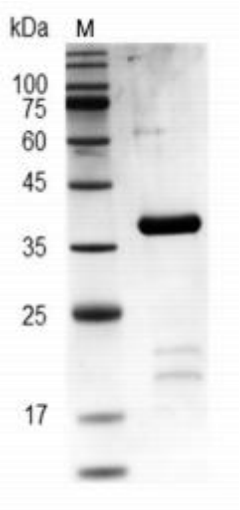
产品简介

描述: Sonic hedgehog protein (SHH) plays a critical role in development of embryonic morphogenesis which mediate the process of organogenesis and central nervous system. The sonic hedgehog signal pathway also plays an important role in cancerous tumors like embryonic cerebellar tumor, prostate cancer tumours and medulloblastoma. Shh binds the receptor (Ptc1) that induce the smo protein to activate the downstream pathway, which induce the shh target gene expression.

来源: *Escherichia coli*
纯度: > 95% as determined by SDS-PAGE. Ni-NTA chromatography.

内毒素检测: < 0.1 EU per 1 µg of the protein by the LAL method.

蛋白序列: IIGPGRGFGKRRHPKKLTPLAYKQFIPN
VAEKT LGASGRYEGKISRNSERFKELTP
NYNPDIIFKDEENTGADRLMTQRCKD
KLNALAISVMNQWPGVKLRVTEGWD
EDGHHSEESLHYEGRAVDITTSRDRDS
KYGMLARLAVEAGFDWVYYESKAHIH
CSVKAENSVAAKSGG with
polyhistidine-SUMO tag at the N-terminus



SDS-PAGE analysis of recombinant human Sonic Hedgehog (C24II), His-SUMO Tag

产品组成

成分：从含有 1X PBS， pH 7.4溶液中冻干的蛋白质.

产品储存运输

产品形式	储存温度	储存时间
冻干粉	-20℃至-80℃	自收到之日起1年
重悬液（初始）	2℃至8℃	不超过1周
重悬液（经稀释）	-20℃至-80℃	3到6个月

运输方式：蓝冰

产品使用

- 1、开盖前，建议3000-3500rpm离心5 min。
- 2、推荐使用无菌水重悬冻干粉，溶液浓度不低于100μg/mL，不高于1mg/mL，并室温静置至少20min以充分溶解。勿涡旋剧烈振荡。
- 3、重悬后的溶液，2 -8℃无菌保存不超过1周。
- 4、如需长期保存，推荐使用无菌的含载体蛋白（如0.1% BSA、10% FBS 或5% HSA）的溶液进一步稀释（不低于10ug/mL）后分装保存，-20℃至-80℃无菌保存3到6个月。无血清实验需求时，可更换为5%海藻糖溶液作为载体。避免反复冻融。

WB= Western Blot; IP= Immunoprecipitation; IF= Immunofluorescence; IHC= Immunohistochemistry;
FACS= Fluorescence activated Cell Sorting; FA= Functional Assay