Recombinant Mouse SHH (C25II)

货号: RB91EPT111

gui_ge

50ug

biao_da_su_zhu

E.coli

biao_qian

C25II

fen_zi_liang

19.8 KDa

biao_guan_fen_zi_liang

18-20 KDa, reducing conditions

xing_tai

Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, 1mM DTT, pH 7.4.

chun_du

Greater than 95% as determined by reducing SDS-PAGE.

nei_du_su_shui_ping

Less than 0.001 ng/μg (0.01 EU/μg) as determined by LAL test.

rong_jie_fang_fa

Always centrifuge tubes before opening.Do not mix by vortex or pipetting.
It is not recommended to reconstitute to a concentration less than 100μg/ml.
Dissolve the lyophilized protein in distilled water.
Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

chu_cun_fang_fa

Lyophilized protein should be stored at < -20° C, though stable at room temperature for 3 weeks.
Reconstituted protein solution can be stored at 4-7° C for 2-7 days.
Aliquots of reconstituted samples are stable at < -20° C for 3 months.

yun_shu_tiao_jian

The product is shipped at ambient temperature.
Upon receipt, store it immediately at the temperature listed below.

bei_jing_shuo_ming

Mouse Sonic Hedgehog Homolog (SHH) belongs to a three-protein family called Hedgehog. The other two family members are Indian Hedgehog (IHH) and Desert Hedgehog (DHH). Hedgehog proteins are key signaling molecules in embryonic development. SHH is expressed in various embryonic tissues and plays critical roles in regulating the patterning of many systems, such as limbs and brain. SHH also plays an important role in adult, including the division of adult stem cells and the development of certain cancers and other diseases.Mouse Shh is synthesized as a 437 aa precursor that contains a 24 aa signal sequence and a 413 aa mature region. The mature region is autocatalytically processed into a nonglycosylated, 20 kDa, 174 aa Nterminal fragment (ShhN), and a catalyticprocessing,glycosylated, 34 kDa, 239 aa Cterminal fragment. The 20 kDa ShhN fragment is the core of the active hedgehog molecule. Mouse ShhN is 99%, 98%, and 100% aa identical to human, rat and gerbil ShhN, respectively.

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