# Biotinylated Human Frizzled-8 (C-6His-Avi)

货号: RB91EPT227

## gui_ge

100ug

## biao_da_su_zhu

Human Cells

## biao_qian

C-6His-Avi

## fen_zi_liang

19.1 KDa

## biao_guan_fen_zi_liang

25-35 KDa, reducing conditions

## xing_tai

Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.

## chun_du

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

## nei_du_su_shui_ping

Less than 0.1 ng/μg (1 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

Frizzled-8 is one of at least ten seven-transmembrane (7TM) glycoproteins of the Frizzled family of Wnt receptors. Frizzled proteins are thought to be G-protein-coupled. Wnt engagement, with low density lipoprotein receptor-related proteins LRP-5 or LRP-6 acting as co-receptors, stabilizes beta -catenin and promotes gene transcription that is important in development and tissue maintenance. Component of the Wnt-Fzd-LRP5-LRP6 complex that triggers beta-catenin signaling through inducing aggregation of receptor-ligand complexes into ribosome-sized signalosomes. The beta-catenin canonical signaling pathway leads to the activation of disheveled proteins, inhibition of GSK-3 kinase, nuclear accumulation of beta-catenin and activation of Wnt target genes. These ligands bind the extracellular CRD of Frizzled-8, blocking Wnt binding. The recombinant Frizzled-8 CRD has also been used to block Wnt signaling and inhibit growth of teratocarcinomas.

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