

32-13243: FZD4 Human

Alternative Name : Frizzled-4, Fz-4, hFz4, FzE4, CD344, FZD4.

Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

Frizzled-4, also known as FZD4 is a 7 Åtransmembrane glycoprotein which belongs to the Frizzled family within the G-protein coupled receptor superfamily. FZD4 acts as a positive regulator of the Wingless type MMTV integration site signaling pathway. These pathways appear to include interactions with G-proteins. FZD4 is implicated in transduction as well as intercellular transmission of polarity information in the course of tissue morphogenesis and differentiated tissues.Å

FZD4 Human Recombinant produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 428 amino acids (37-222 a.a.) and having a molecular mass of 48.3kDa (Molecular size on SDS-PAGE will appear at approximately 50-70kDa). FZD4 is expressed with a 239 amino acids hlgG-His tag at C-Terminus and purified by proprietary chromatographic techniques.Å

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 90.0% as determined by SDS-PAGE.

Content : FZD4 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid : ADPFGDEEER RCDPIRISM C QNLGYNVTKM PNLVGHQLT DAELQLTTFT PLIQYGCSSQ LQFFLCSVYV
PMCTEKINIP IGPCGGMCLS VKRRCEPVLK EFGFAWPESL NCSKFPPQND HNHMCMEGPG DEEVPLPHKT
PIQPGECHS VGTNSDQYIW VKRSLNCVLK CGYDAGLYSRSAKEFTDIWL EPKSCDKTHT CPPCPAPELL
GGPSVFLFPP KPKDTLMISR TPEVTCVVVD VSHEDPEVKF NWWYVDGVEVH NAKTKPREEQ YNSTYRVVSV
LTVLHQDWLN GKEYKCKVSN KALPAIEKT ISKAKQPRE PQVYTLPPSR DELTKNQVSL TCLVKGFYPS
DIAVEWESNGQPENNYKTP PVLDSGDSFF LYSKLTVDKS RWQQGNVFSC SVMHEALHNNH YTKSLSLSP
GKHHHHHH