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Recombinant Human Dickkopf-Related Protein 2/DKK-2 Protein(N-Fc, C-6His)

产品货号: TP05382

第三版

别名:Dickkopf-related protein 2; Dickkopf-2; Dkk-2; hDkk-2

描述:Dickkopf-related protein 2 (DKK2), is a member of the dickkopf family. DKK2 is secreted protein which contains two cysteine rich regions and is involved in embryonic development through its interactions with the Wnt signaling pathway. It can act as either an agonist or antagonist of Wnt/beta-catenin signaling, depending on the cellular context and the presence of the co-factor kremen 2. It antagonizes canonical Wnt signaling by inhibiting LRP5/6 interaction with Wnt and by forming a ternary complex with the transmembrane protein KREMEN that promotes internalization of LRP5/6. DKKs play an important role in vertebrate development, where they locally inhibit Wnt regulated processes such as antero-posterior axial patterning, limb development, somitogenesis and eye formation. In the adult, Dkks are implicated in bone formation and bone disease, cancer and Alzheimer disease.

配方:PBS

分子量:58.9 kDa

序列:Asp251-Ile526

纯度:> 95% by HPLC

浓度:

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.