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32-3678: DKK3 Recombinant Protein

Alternative Name : Dickkopf 3 homolog (Xenopus laevis),dickkopf-related protein 3,regulated in glioma,RIG,RIG-like 7-1,RIG-like 5-6,Dkk-3,REIC.

Description

Source : E.coli. DKK3 Human Recombinant produced in E. coli is a single polypeptide chain containing 353 amino acids (22-350) and having a molecular mass of 38.8 kDa.DKK3 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Dickkopf-related protein 3 (DKK3) belongs to the DKK protein family including Dkk-1, 2, 3 and -4. DKK3 is a 350 amino acid secreted glycoprotein which is comprised of an N-terminal signal peptide and 2 conserved cysteine-rich domains that are separated by a 12 amino acid linker region. DKK3 is involved in embryonic development through its inhibition of the WNT signaling pathway. DKK3 gene expression is decreased in a variety of cancer cell lines and it may act as a tumor suppressor gene.

Product Info

Amount :	20 µg
Purification :	Greater than 85% as determined by SDS-PAGE.
Content :	The DKK3 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 1M Urea, 1mM DTT 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 :	MGSSHHHYHH SSGLVPRGSH MGSMAPAPTA TSAPVKPGPA LSYPQEEATL NEMFREVEEL MEDTQHKLRS AVEEMEAEEA AAKASSEVNL ANLPPSYHNE TNTDTKVGNN TIHVHREIHK ITNNQTGQMV FSETVITSVG DEEGRRSHEC IIDEDCGPSM YCQFASFQYT CQPCRGQRML CTRDSECCGD QLCVWGHCTK MATRGSNGTI CDNQRDCQPG LCCAFQRGLL FPVCTPLPVE GELCHDPASR LLDLITWELE PDGALDRCPC ASGLLCQPHS HSLVYVCKPT FVGSRDQDGE ILLPREVPDE YEVGSFMEEV RQELEDLERS LTEEMALREP AAAAAALLGG EEI