

32-3679: DKK3 HEK 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 : HEK293 cells. DKK3 Human Recombinant is a single polypeptide chain containing 337 amino acids (22-350). DKK3 is fused to 8 amino acid His-tag at C-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 : 10 µg
Purification : Greater than 95% as determined by SDS-PAGE.
Content : DKK3 was lyophilized from a 0.2 mM filtered solution of 20mM PB and 150mM NaCl, pH 7.2.
Storage condition : Lyophilized DKK3 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution DKK3 should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.
Amino Acid : APAPTATSAPVKPGPALSYPQEEATLNEMFREVEELMEDTQHKLRSAVEEMEAEAAAAKASSEVNLANLPPSYH
NETNTDTKVGNNTIHVHREIHKITNNQTGQMVFSETVITSVGDEEGRRSHECIIDEDCGPSMYCQFASFQYTCQ
PCRGQRMLCTRDSECCGDQLCVWGHCTKMATRGSNGTICDNQRDCQPLCCAFQRGLLFPVCTPLPVEGEL
CHDPASRLDLITWELEPDGALDRCPASGLLCQPHSHSLVYVCKPTFVGSRDQDGEILLPREVPDEYEVGSFM
EEVRQELEDLERSLTEEMALGEPAAAAAALLGGEEIVDHHHHHH.

Application Note

It is recommended to reconstitute the lyophilized DKK3 in 1xPBS to a concentration no less than 100 µg/ml, which can then be further diluted to other aqueous solutions.