9051 Mira Mesa Blvd, #910094
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DKK3 Human

Dickkopf-Related Protein 3 Human Recombinant
RCP0645

Product Overview

Name	DKK3 Human
Description	
Dickkopf-Related Protein 3 Human Recombinant	
Accession (Primary)	Q9UBP4
Synonyms	
Dickkopf 3 homolog (Xenopus laevis), dickkopf-related protein 3, regulated in glioma, RIG, RIG-like 7-1, RIG-like 5-6, Dkk-3, REIC.	
Introduction	
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.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The DKK3 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 1M Urea, 1mM DTT and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHYHH SSGLVPRGSH MGSM APAPTA TSAPVKPGPA LSYPQEEATL NEMFREVEEL MEDTQHKLRS AVEEMEAEEA AAKASSEVNL ANLPPSYHNE TNTDTKVGNN TIHVHREIHK ITNNQTGQMV FSETVITSVG DEEGRRSHEC IIDEDCGPSM YCQFASFQYT CQPCRGQRML CTRDSECCGD QLCVWGHCTK MATRGSNGTI	

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CDNQRDCQPG LCCAFQRGLL FPVCTPLPVE GELCHDPASR LLDLITWELE PDGALDRCPC ASGLLCQPHS

HSLVYVCKPT FVGSRDQDGE ILLPREVPDE YEVGSFMEEV RQELEDLERS LTEEMALREP AAAAAALLGG EEI

Precautions

DKK3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9UBP4)