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DKK3 Human, HEK

Dickkopf-Related Protein 3 Human Recombinant, HEK
RCP0646

Product Overview

Name	DKK3 Human, HEK
Description	
Dickkopf-Related Protein 3 Human Recombinant, HEK	
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	
HEK293 cells.	
Physical Appearance	
Sterile Filtered White lyophilized (freeze-dried) powder.	
Formulation	
DKK3 was lyophilized from a 0.2 μM filtered solution of 20mM PB and 150mM NaCl, pH 7.2.	
Stability	
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.	
Purity	
Greater than 95% as determined by SDS-PAGE.	
Amino acid sequence	
APAPTATSAPVKPGPALSYPQEEATLNEMFREVEELMEDTQHKLRSAVEEMEAEEAAA KASSEVNLANLPPSYHNETNTDTKVGNNTIHVHREIHKITNNQTGQMVFSETVITSVG	

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DEEGRRSHECIIDEDCGPSMYCQFASFQYTCQPCRGQRMLCTRDSECCGDQLCVWGHC

TKMATRGSNGTICDNQRDCQPGLCCAFQRGLLFPVCTPLPVEGELCHDPASRLLDLIT

WELEPDGALDRCPCASGLLCQPHSHSLVYVCKPTFVGSRDQDGEILLPREVPDEYEVG

SFMEEVRQELEDLERSLTEEMALGEPAAAAAALLGGEEI VDHHHHHH .

Solubility

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.

Precautions

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

Target Information: (Q9UBP4)