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DKK3 Human, Sf9

Dickkopf-Related Protein 3 Human Recombinant, Sf9
RCP0647

Product Overview

Name	DKK3 Human, Sf9

Description

Dickkopf-Related Protein 3 Human Recombinant, Sf9

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

Sf9, Baculovirus cells.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

DKK3 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) 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 90% as determined by SDS-PAGE.

Amino acid sequence

ADP APAPTAT SAPVKPGPAL SYPQEEATLN EMFREVEELM EDTQHKLRSA VEEMEAEEAA AKASSEVNLA NLPPSYHNET NTDTKVGNNT IHVHREIHKI TNNQTGQMVF SETVITSVGD EEGRRSHECI IDEDCGPSMY CQFASFQYTC QPCRGQRMLC TRDSECCGDQ LCVWGHCTKM ATRGSNGTIC DNQRDCQPGL CCAFQRGLLF

PVCTPLPVEG ELCHDPASRL LDLITWELEP DGALDRCPCA SGLLCQPHSH SLVYVCKPTF VGSRDQDGEI LLPREVPDEY EVGSFMEEVR QELEDLERSL TEEMALREPA AAAAALLGGE EI HHHHHH .

Precautions

DKK3 Human, Sf9 is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9UBP4)