
Product Data Sheet

Product Name: DKK3 Human, Sf9

Cat. No.: GP23326

Batch No.: 1

Product Data

Purity	>98%	Source	Sf9, Baculovirus cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
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.		
Amino Acid Sequence	ADPAPAPTAT SAPVKPGPAL SYPQEEATLN EMFREVEELM EDTQHKLRSA VEEMEAEEAA AKASSEVNLA NLPPSYHNET NTDTKVGNNNT IHVHREIHKI TNNQTGQMVF SETVITSVGD EEGRRSHECI IDEDCGPSMY CQFASFQYTC QPCRGQRMLC TRDSECCGDQ LCVWGHCTKM ATRGSNGTIC DNQRDCQPGL CCAFQRGLLF PVCTPLPVEG ELCHDPASRL LDLITWELEP DGALDRCP SGLLCQPHSH SLVYVCKPTF VGSRDQDGEI LLPREVPDEY EVGSFMEEVR QELEDLERSL TEEMALREPA AAAAALLGGE EIHHEHHH.		
Formulation	DKK3 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.		

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.

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.

Background

Caution: Product has not been fully validated for medical applications. For research use only.

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DKK3 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 338 amino acids (22-350a.a.) and having a molecular mass of 37.3kDa (Molecular size on SDS-PAGE will appear at approximately 40-57kDa). DKK3 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

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