

DKK3 Human, Dickkopf-Related Protein 3 Human Recombinant Protein, Sf9

Catalog Number: PROTQ9UBP4-2

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.

Overview

Product Name	DKK3 Human, Dickkopf-Related Protein 3 Human Recombinant Protein, Sf9
Description	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.
Size	1ug, 5ug, 50ug
Tag	
Form	Sterile Filtered colorless solution.
Source	Sf9, Baculovirus cells.
Formulation	DKK3 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Concentration

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Purity

Greater than 90% as determined by SDS-PAGE.

Amino Acid Sequence

ADPAPAPTAT SAPVKPGPAL SYPQEEATLN EMFREVEELM EDTQHKLRSA VEEMEAEEAA AKASSEVNLA NLPPSYHNET NTDTKVGNNT
IHVHREIHKI TNNQTGQMVF SETVITSVGD EEGRRSHECI IDEDCGPSMY CQFASFQYTC QPCRGQRMLC TRDSECCGDQ LCVWGHCTKM
ATRGSGNTIC DNQRDCQPGL CCAFQRGLLF PVCTPLPVEG ELCHDPASRL LDLITWELEP DGALDRCPA SGLLCQPHSH SLVYVCKPTF
VGSRDQDGEI LLPREVPDEY EVGSFMEEVR QELEDLERSL TEEMALREPA AAAAALLGGE EIH HHHHHH. ?/description_after_attributes?

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