9051 Mira Mesa Blvd, #910094
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Tel: 760-390-3989

DKK1 Human Sf9

Dickkopf-Related Protein 1 Human Recombinant, Sf9
RCP0642

Product Overview

Name	DKK1 Human Sf9
Description	
Dickkopf-Related Protein 1 Human Recombinant, Sf9	
Accession (Primary)	O94907
Synonyms	
DKK-1, DKK1, HDKK1, HDKK-1, Dickkopf-1, Dickkopf-related protein 1, SK.	
Introduction	
DKK1 is part of the dickkopf family. DKK1 is a secreted protein with 2 cysteine rich regions and takes part in embryonic development through its inhibition of the WNT signaling pathway. High levels of DKK1 in bone marrow plasma and peripheral blood is associated with the presence of osteolytic bone lesions in patients with multiple myeloma. Induction of DKK1 contributes to the pathological cascade triggered by beta-amyloid and is significantly involved in the development of tau phosphorylation. DKK1 reduces the differentiation of osteoblastic precursor cells. DKK1 is an important member in multiple myeloma bone disease. DKK1 expression is reduced in human colon tumors, implying that DKK-1 plays a role as a tumor suppressor gene in this neoplasia; the Wnt/beta-catenin pathway is downregulated by the induction of DKK1 expression, a mechanism that is missing in colon cancer.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
The DKK1 protein solution (0.25mg/ml) contains PBS (pH 7.4), 50% Glycerol, 2mM DTT, 2mM EDTA, & 0.1mM PMSF.	
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 85.0% as determined by SDS-PAGE.	
Amino acid sequence	

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ADP TLNSVLN SNAIKNLPPP LGGAAGHPGS AVSAAPGILY PGGNKYQTID NYQPYPCAED EECGTDEYCA SPTRGGDAGV QICLACRKRR KRCMRHAMCC PGNYCKNGIC VSSDQNHFRG EIEETITESF GNDHSTLDGY SRRTTLSSKM YHTKGQEGSV CLRSSDCASG LCCARHFWSK ICKPVLKEGQ VCTKHRRKGS HGLEIFQRCY CGEGLSCRIQ KDHHQASNSS RLHTCQRH SG RLVPRGSHHH HHH .

Precautions

DKK1 Human Sf9 is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O94907)