9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

DKK1 Mouse

Dickkopf-Related Protein 1 Mouse Recombinant
RCP0643

Product Overview

Name	DKK1 Mouse
Description	
Dickkopf-Related Protein 1 Mouse Recombinant	
Accession (Primary)	O54908
Synonyms	
Dkk-1, mDkk-1, Dkk1, Dickkopf-related protein 1, Dickkopf-1.	
Introduction	
Dickkopf-related protein 1 (DKK1) antagonizes canonical Wnt signaling by inhibiting LRP5/6 interaction with Wnt and by creating a ternary complex with the transmembrane protein KREMEN which promotes internalization of LRP5/6. DKKs have a significant role in vertebrate development, where they locally inhibit Wnt controlled processes for instance antero-posterior axial patterning, limb development, somitogenesis and eye formation. Furthermore, Dkks are involved in bone formation and bone disease, cancer and Alzheimer disease in Adults.	
Source	
HEK293 Cells.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The DKK1 solution (0.25mg/ml) contains 50mM MES buffer (pH 6.5) and 30% 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 95% as determined by SDS-PAGE.	
Amino acid sequence	
TLNSVLINSN AIKNLPPPLG GAGGQPGSAV SVAPGVLYEG GNKYQTLDNY QPYPCAEDEE CGSDEYCSSP SRGAAGVGGV QICLACRKRR KRCMRHAMCC PGNYCKNGIC MPSDHSHFPR GEIEESIIEN LGNDHNAAAG DGYPRRTTLT SKIYHTKGQE GSVCLRSSDC AAGLCCARHF WSKICKPVLK EGQVCTKHKR KGSHGLEIFQ RCYCGEGLAC RIQKDHHQAS NSSRLHTCQR H HHHHHH	

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Precautions

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

Target Information: (O54908)