

RP02554

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Biotinylated Recombinant Human Dkk-3 Protein

Catalog No.: RP02554

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human		Q9UBP4

Tags

C-His&Avi

Synonyms

Dickkopf-3; Dkk3; REIC; REICdkk-3; RIG; RIG-like 5-6; RIG-like 7-1; AW061014; C87148

Product Information

Source

HEK293 cells

Purification

> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

Endotoxin

Less than 1EU per µg by the LAL method.

Formulation

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Dkk-3, also known as REIC (Reduced Expansion in Immortalized Cells), is one of four numbered members of the Dickkopf family of Wnt antagonists. DKKs play an important role in vertebrate development, where they locally inhibit Wnt regulated processes such as antero-posterior axial patterning, limb development, somitogenesis and eye formation. In the adult, Dkks are implicated in bone formation and bone disease, cancer and Alzheimer disease.

Basic Information

Description

Recombinant Biotinylated Human DKK3 Protein is expressed from Expi293 with His tag and Avi tag at the C-terminal. It contains Pro23-Ile350.

Bio-Activity

Storage

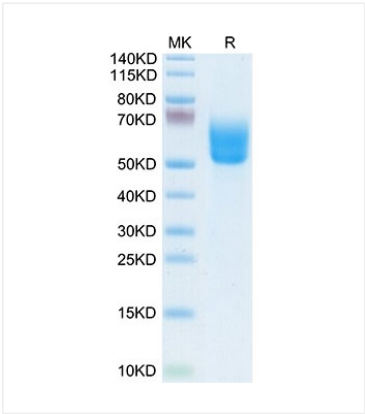
Store the lyophilized protein at -20°C to -80°C for long term. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact

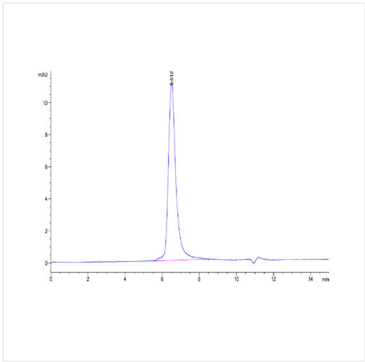


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Validation Data



Biotinylated Human DKK3 on Tris-Bis PAGE under reduced conditions. The purity is greater than 95%.



The purity of Biotinylated Human DKK3 is greater than 95% as determined by SEC-HPLC.