

RP00355

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Recombinant Human Dkk-3 Protein

Catalog No.: RP00355

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	27122	Q9UBP4

Tags

C-6×His

Synonyms

DKK3;REIC;RIG; RIG; CRRL; REIC

Product Information

Source

HEK293 cells

Purification

> 95% by SDS-PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2. Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

This protein belongs to a protein that is a member of the dickkopf family. The secreted protein contains two cysteine rich regions and is involved in embryonic development through its interactions with the Wnt signaling pathway. The expression of this gene is decreased in a variety of cancer cell lines and it may function as a tumor suppressor gene. Alternative splicing results in multiple transcript variants encoding the same protein.

Basic Information

Description

Recombinant Human Dkk-3 Protein is produced by Human Cell expression system. The target protein is expressed with sequence (Ala22-Ile350) of human Dkk-3 (Accession #Q9UBP4) fused with a 6×His tag at the C-terminus.

Bio-Activity

Measured by its ability to inhibit proliferation of HeLa human cervical epithelial carcinoma cells. The ED₅₀ for this effect is 3-12 μg/mL.

Storage

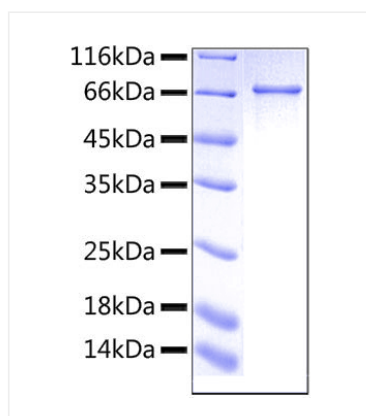
Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact



www.abclonal.com

Validation Data



Recombinant protein Human Dkk-3 was determined by SDS-PAGE under reducing conditions with Coomassie Blue, showing a band at 65 kDa.