

Catalog No.: RP02554B **Recombinant**

Species	Gene ID	Swiss Prot
Human	27122	O9UBP4

C-His&Avi

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

Source	Purification
HEK293 cells	≥ 95 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by HPLC.

39.5 kDa. 50-70 kDa

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

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

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.

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.

Biotinylated Recombinant Human Dkk-3 Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Pro23-Ile350) of Human Dkk-3 fused with a His and Avi tag at the C-terminal.

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.
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.

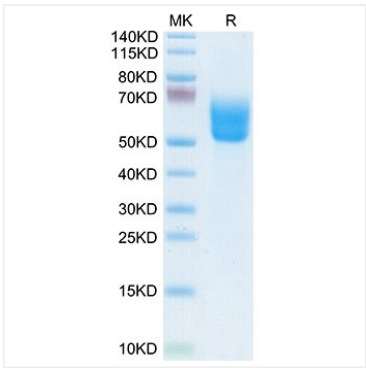
For your safety and health, please wear a lab coat and disposable gloves for handling.

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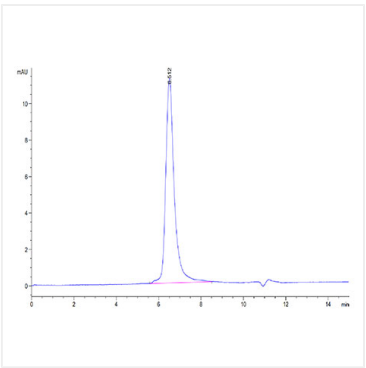
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Validation Data



Biotinylated Recombinant Human Dkk-3 Protein was determined by Tris-Bis PAGE under reducing conditions.



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