

Rev03
 Update: Aug,08,2025

DATASHEET

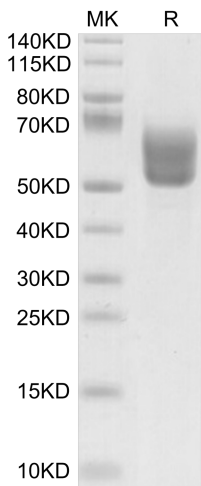
DKK3[Biotin], His & Avi, Human

Cat. No.: Z04441

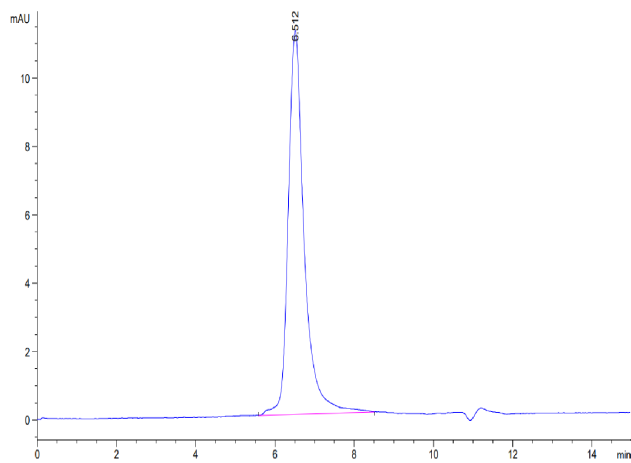
Product Introduction

Species	Human
Protein Construction	<div style="display: flex; align-items: center; justify-content: center;"> <div style="background-color: #0056b3; color: white; padding: 5px; margin-right: 5px;">DKK3 (Pro23-Ile350) Accession # Q9UBP4</div> <div style="background-color: #90c040; color: white; padding: 5px; margin-right: 5px;">His</div> <div style="background-color: #4f81bd; color: white; padding: 5px;">Avi</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> N-term C-term </div>
Conjugate	Biotin
Purity	> 95% as determined by BisTris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1EU per µg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	39.5 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 50-70 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

Examples



DKK3[Biotin], His & Avi, Human on Bis-Tris PAGE under reduced conditions. The purity is greater than 95%.



The purity of DKK3[Biotin], His & Avi, Human is greater than 95% as determined by SEC-HPLC.

Background

Target 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.

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

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

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