

Biotinylated Human DKK1 C terminal Domain Protein

Cat. No. DKK-HM51CB

Description

Source	Recombinant Biotinylated Human DKK1 C terminal Domain Protein is expressed from HEK293 with hFc tag and Avi tag at the C-Terminus. It contains Met178-His266.
Accession	O94907
Molecular Weight	The protein has a predicted MW of 38.69 kDa. Due to glycosylation, the protein migrates to 50-55 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE

Formulation and Storage

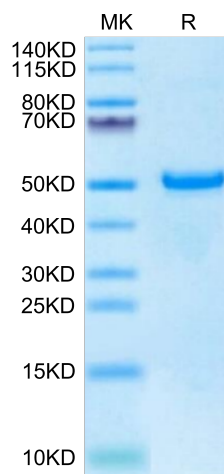
Formulation	Lyophilized from 0.22µm filtered solution in 20mM NaAc, 150mM NaCl (pH 5.0). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in 20mM NaAc, 150mM NaCl (pH 5.0).
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -20 to -80°C for 3-6 months in unopened state after reconstitution. 2-8°C for 2-7 days after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Dickkopf-1 (Dkk1), the founding and best-studied member of the Dkk family, functions as an antagonist of canonical Wnt/β-catenin. Dkk1 is considered to play a broad role in a variety of biological processes.

Assay Data

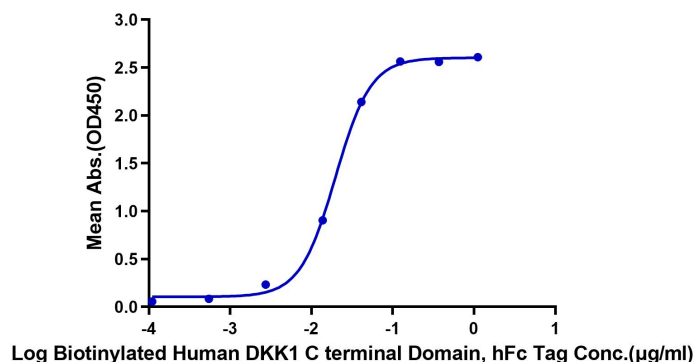
Tris-Bis PAGE



Biotinylated Human DKK1 C terminal Domain on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ELISA Data

Biotinylated Human DKK1 C terminal Domain, hFc Tag ELISA
0.1µg Anti-DKK1 Antibody, hFc Tag Per Well



Immobilized Anti-DKK1 Antibody, hFc Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human DKK1 C terminal Domain, hFc Tag with the EC50 of 19.7ng/ml determined by ELISA (QC Test).

ELISA Data

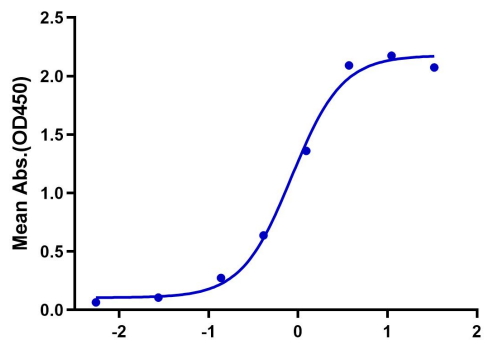
Biotinylated Human DKK1 C terminal Domain Protein

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Assay Data

Biotinylated Human DKK1 C terminal Domain, hFc Tag ELISA

0.5µg Human LRP-6, mFc Tag Per Well



Immobilized Human LRP-6, mFc Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human DKK1 C terminal Domain, hFc Tag with the EC50 of 0.85ug/ml determined by ELISA.