Human DKK1 C terminal Domain Protein

Cat. No. DKK-HM51C

Description

Source	Recombinant 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 45-55 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

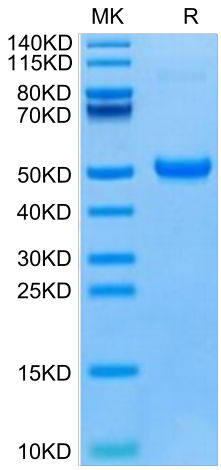
Formulation	Lyophilized from 0.22μm filtered solution in 20mM NaAc,150mM NaCl (pH 5.0). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized 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



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

ELISA Data

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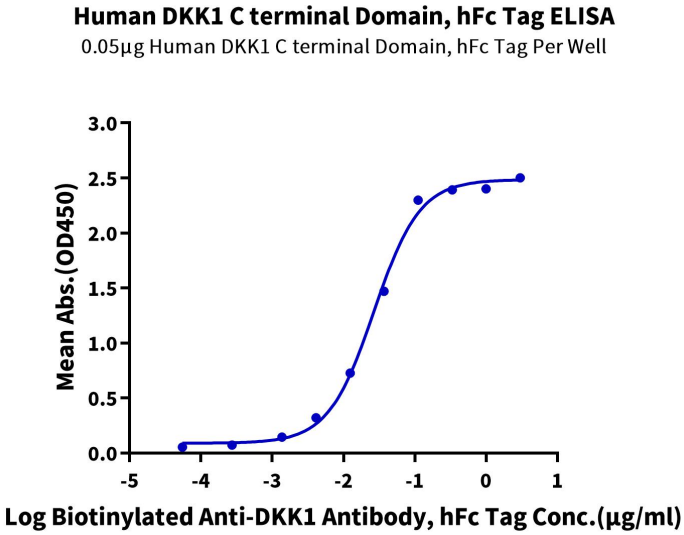
Assay Data



Immobilized Human DKK1 C terminal Domain, hFc Tag at 0.5μg/ml (100μl/Well) on the plate. Dose response curve for Biotinylated Anti-DKK1 Antibody, hFc Tag with the EC50 of 26.7ng/ml determined by ELISA.