

Recombinant Human DKK-3 Protein(His Tag)

Catalog Number: PDMH100318

Note: Centrifuge before opening to ensure complete recovery of vial contents.

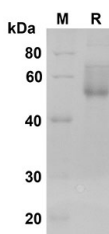
Description

Species	Human
Source	Mammalian-derived Human DKK-3 proteins Ala22-Ile350,with an C-terminal His
Calculated MW	36.0 kDa
Observed MW	50 kDa
Accession	Q9UBP4
Bio-activity	Not validated for activity

Properties

Purity	> 90% as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU/mg of the protein as determined by the LAL method
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis.

Data



SDS-PAGE analysis of Human DKK-3 proteins , 2µg/lane of

Recombinant Human DKK-3 proteins was resolved with
SDS-PAGE under reducing conditions , showing bands at 50
KD

Background

DKK3 (dickkopf related protein 3) is a member of the dickkopf-related family consisting of DKK1 , DKK2 , DKK3 and DKK4. It is a secreted protein , and also known as REIC (Reduced Expansion in Immortalized Cells). The DKK3 protein is proposed to function as a secreted tumor suppressor since it is downregulated in a number of cancer cells and prostate cancer tissue and may be a promising candidate molecule for therapeutic interference. DKK3 protein is also a negative regulator of beta-catenin and its downregulation contribute to an activation of the beta-catenin signaling pathway.

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