

## Recombinant Human DKK-3 Protein(His Tag)

**Catalog Number:** PDMH100318

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

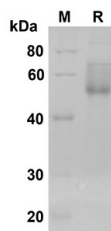
### Description

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

### Properties

<b>Purity</b>	> 90% as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU/mg of the protein as determined by the LAL method
<b>Storage</b>	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.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.
<b>Reconstitution</b>	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.

### For Research Use Only