

RPCB0361

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## Product Information

|                     |          |                    |       |              |      |
|---------------------|----------|--------------------|-------|--------------|------|
| <b>Product SKU:</b> | RPCB0361 | <b>Gene ID:</b>    | 27122 | <b>Size:</b> | 10µg |
| <b>Tag:</b>         | C-His    | <b>Reactivity:</b> | Human |              |      |

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## Additional Information

|                         |                    |                   |        |
|-------------------------|--------------------|-------------------|--------|
| <b>Expression Host:</b> | HEK293 cells       | <b>Swissprot:</b> | Q9UBP4 |
| <b>Purity:</b>          | > 95% by SDS-PAGE. |                   |        |

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## Protein Information

**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. Dkk-3 is a secreted monomer expressed in many normal human tissues, most strongly in heart, brain and spinal cord, and during early embryonic development in the mouse. Dkk-3 contains two cysteine rich regions and is involved in embryonic development through its interactions with the Wnt signaling pathway. 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. DKK3 protein is also a negative regulator of beta-catenin and its downregulation contribute to an activation of the beta-catenin signaling pathway.

**Protein Description:** High quality, high purity and low endotoxin recombinant Recombinant Human Dkk-3 Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

**Endotoxin:** < 0.1 EU/µg of the protein by LAL method.

**Formulation:** Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

**Storage:** Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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