

## Active Recombinant Rat Dkk1 protein(Met1-His270), His-tagged

**Cat. No.** Dkk1-678R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat Dkk1 protein(NP_001099820.1)(Met1-His270), fused with C-terminal His tag, was expressed in HEK293.                             |
| <b>Species</b>          | Rat                                                                                                                                            |
| <b>Source</b>           | HEK293                                                                                                                                         |
| <b>ProteinLength</b>    | Met1-His270                                                                                                                                    |
| <b>similar</b>          | Dkk1                                                                                                                                           |
| <b>Alias</b>            | DKK1; dickkopf 1 homolog (Xenopus laevis); dickkopf-related protein 1; dickkopf homolog 1;                                                     |
| <b>Conjugate</b>        | C-His                                                                                                                                          |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. |
| <b>Bioactivity</b>      |                                                                                                                                                |
| <b>MolecularMass</b>    | The recombinant rat DKK1 consists of 250 amino acids and predicts a molecular mass of 27.44 kDa.                                               |

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|                              |                                                                                                                                                                                                                                                 |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Endotoxin</b>             | < 1.0 EU per µg protein as determined by the LAL method.                                                                                                                                                                                        |
| <b>Purity</b>                | > 95 % as determined by SDS-PAGE.                                                                                                                                                                                                               |
| <b>Storage</b>               | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| <b>Reconstitution</b>        | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                                   |
| <b>GeneName</b>              | Dkk1 dickkopf 1 homolog (Xenopus laevis) [ Rattus norvegicus ]                                                                                                                                                                                  |
| <b>GeneNameWeblink</b>       | <a href="#">293897</a>                                                                                                                                                                                                                          |
| <b>OfficialSymbol</b>        | Dkk1                                                                                                                                                                                                                                            |
| <b>OfficialSymbolWeblink</b> | <a href="#">293897</a>                                                                                                                                                                                                                          |
| <b>GenelD</b>                | 293897                                                                                                                                                                                                                                          |
| <b>GenelDWeblink</b>         | <a href="#">293897</a>                                                                                                                                                                                                                          |
| <b>mRNARefseq</b>            | NM_001106350                                                                                                                                                                                                                                    |
| <b>mRNARefseqWeblink</b>     | <a href="#">NM_001106350.1</a>                                                                                                                                                                                                                  |
| <b>ProteinRefseqWeblink</b>  | <a href="#">NP_001099820.1</a>                                                                                                                                                                                                                  |
| <b>MIMWeblink</b>            |                                                                                                                                                                                                                                                 |
| <b>UniProtID</b>             |                                                                                                                                                                                                                                                 |

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|------------------|--|
| UniProtIDWeblink |  |
|------------------|--|

## GENE INFORMATION

|          |                                                                                            |
|----------|--------------------------------------------------------------------------------------------|
| Synonyms | DKK1; dickkopf 1 homolog (Xenopus laevis); dickkopf-related protein 1; dickkopf homolog 1; |
| MIM      |                                                                                            |

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