
Product Data Sheet

Product Name: DKK3 Human, HEK
Cat. No.: GP23325
Batch No.: 1

Product Data

Purity >98% Source
Physical Appearance solid Shipping Condition

Synonyms Dickkopf 3 homolog (*Xenopus laevis*); dickkopf-related protein 3; regulated in glioma; RIG; RIG-like 7-1; RIG-like 5-6; Dkk-3; REIC.

Amino Acid Sequence APAPTATSAPVKPGPALSYPQEEATLNEMFREVEELMEDTQHKLRSAVEEMEAEEAAKASSEVNLNLPSPSYHNETNTDTKVGNNTIHVHREIHKITNN

Solubility It is recommended to reconstitute the lyophilized DKK3 in 1xPBS to a concentration no less than 100 µg/ml, which can then be further diluted.
Formulation DKK3 was lyophilized from a 0.2µM filtered solution of 20mM PB and 150mM NaCl, pH 7.2.

Introduction

Dickkopf-related protein 3 (DKK3) belongs to the DKK protein family including Dkk-1, 2, 3 and -4. DKK3 is a 350 amino acid secreted glycoprotein which is comprised of an N-terminal signal peptide and 2 conserved cysteine-rich domains that are separated by a 12 amino acid linker region. DKK3 is involved in embryonic development through its inhibition of the WNT signaling pathway. DKK3 gene expression is decreased in a variety of cancer cell lines and it may act as a tumor suppressor gene.

Stability

Lyophilized DKK3 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C . Upon reconstitution DKK3 should be stored at 4°C between 2-7 days and for future use below -18°C . Please prevent freeze-thaw cycles.

Background

DKK3 Human Recombinant is a single polypeptide chain containing 337 amino acids (22-350). DKK3 is fused to 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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