Bioactive

DKK3 (Human) Recombinant Protein

Catalog # P6347 Size 100 ug

Specification

Product Description	Human DKK3 (Q9UBP4) recombinant protein expressed in CHO cells.
Sequence	APAPTATSAPVKPGPALSYPQEEATLNEMFREVEELMEDTQHKLRSAVEEMEAEEAAAKASSE VNLANLPPSYHNETNTDTKVGNNTIHVHREIHKITNNQTGQMVFSETVITSVGDEEGRRSHECIIDED CGPSMYCQFASFQYTCQPCRGQRMLCTRDSECCGDQLCVWGHCTKMATRGSNGTICDNQRDC QPGLCCAFQRGLLFPVCTPLPVEGELCHDPASRLLDLITWELEPDGALDRCPCASGLLCQPHSH SLVYVCKPTFVGSRDQDGEILLPREVPDEYEVGSFMEEVRQELEDLERSLTEEMALREPAAAAA ALLGGEEIHHHHHH
Host	Mammals
Theoretical MW (kDa)	37
Form	Lyophilized
Purity	> 95%
Endotoxin Level	<= 1 EUs/ug (LAL gel clot method)
Activity	Determined by the ability to inhibit alkaline phosphatase activity in differentiating MC3T3 E1 cells.
Storage Buffer	Lyophilized from PBS, pH 7.2.
Storage Instruction	Stored at -20°C to-80°C. After reconstitution with sterile water not less than 0.1 mg/mL, store at -20°C to -80°C for 6 months, st ore at 4°C for 1 month. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- Western Blot

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Gene Info — DKK3

Entrez GeneID	27122
Protein Accession#	Q9UBP4
Gene Name	DKK3
Gene Alias	REIC
Gene Description	dickkopf homolog 3 (Xenopus laevis)
Omim ID	605416
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein that is a member of the dickkopf family. The secreted protein contai ns two cysteine rich regions and is involved in embryonic development through its interactions wit h the Wnt signaling pathway. The expression of this gene is decreased in a variety of cancer cell li nes and it may function as a tumor suppressor gene. Alternative splicing results in multiple transcri pt variants encoding the same protein. [provided by RefSeq
Other Designations	RIG-like 5-6|RIG-like 7-1|dickkopf 3|dickkopf homolog 3

Disease

- Carcinoma
- Colorectal Neoplasms
- Genetic Predisposition to Disease
- Kidney Neoplasms
- Polycystic Kidney
- Tobacco Use Disorder

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