

DKK3, 22-350aa, Human, His-tag, Baculovirus

Cat.NO.: TP01888

3th Edition

Synonyms: dickkopf WNT signaling pathway inhibitor 3, DKK3, RIG, REIC

Description: DKK3, also known as dickkopf WNT signaling pathway inhibitor 3, is a member of the DKK protein family including Dkk-1, 2, 3 and 4. It is a secreted protein with two cysteine rich regions and is involved in embryonic development through its inhibition of the WNT signaling pathway. The expression of this gene is decreased in a variety of cancer cell lines and it may function as a tumor suppressor gene. Recombinant human DKK3 protein, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight: 37.3kDa (338aa), 40-57kDa (SDS-PAGE under reducing conditions.)

Sequences:

ADPAPAPTATSAPVKPGPALSYQEEATLNEMFREVEELMEDTQHKLRSAVEEMEAEAAAKASSEVNLANLPPSY
HNETNTDTKVGNNTIHVHREIHKITNNQTGQMVSETVITSVGDEEGRRSHECIIDEDCGPSMYCQFASFQYTCQP
CRGQRMLCTRDSECCGDQLCVWGHCTKMATRGSGNTICDNQRDCQPGLCCAFQRGLLFPVCTPLPVEGELCHD
PASRLDLITWELEPDGALDRCPASGLLCQPHSHSLVYVCKPTFVGSRDQDGEILLPREVPDEYEVGSFMEEVRQ
ELEDLERSLTEEMALREPAAAAAALLGGEEIH HHHHHH

Purity: > 95% by HPLC

Concentration: 0.5mg/ml (determined by Absorbance at 280nm)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.