

## Product datasheet for **AR31139PU-N**

### Dickkopf-3 (DKK3) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Dickkopf-3 (DKK3) human recombinant protein, 10 µg
Species:	Human
Expression Host:	CHO
Expression cDNA Clone or AA Sequence:	APAPTATSAP VKPGPALSYP QEEATLNEMF REVEELMEDT QHKLRSABEE MEAEAAAAKA SSEVNLANLP PSYHNETNTD TKVGNNTIHV HREIHKITNN QTGQMVFSET VITSVGDEEG RRSHECIIDE DCGPSMYCQF ASFQYTCQPC RGQRMLCTRD SECCGDQLCV WGHCTKMATR GSNGTICDNQ RDCQPGLCCA FQRGLLPVC TPLPVEGELC HDPASRLDL ITWELEPDGA LDRPCASGL LCQPHSHSLV YVCKPTFVGS RDQDGEILLP REVPDEYEVG SFMEEVRQEL EDLERSLTEE MALREPAAAA AALLGEEI
Predicted MW:	36.3 kDa
Purity:	>98% pure by SDS-PAGE and HPLC analyses
Buffer:	Presentation State: Purified State: Lyophilized (0.2µ Sterile filtered) purified protein
Bioactivity:	Biological: Determined by its ability to inhibit alkaline phosphatase activity in differentiating MC3T3 E1 cells. The expected ED <sub>50</sub> for this effect is 2.0–4.0 ng/ml.
Preparation:	Lyophilized (0.2µ Sterile filtered) purified protein
Protein Description:	Recombinant human DKK-3 expressed in CHO cells is a glycoprotein that has a calculated molecular weight of 36.3 kDa and contains 329 amino acid residues. Due to glycosylation, human DKK-3 migrates at an apparent molecular weight of approximately 39-49 kDa by SDS-PAGE analysis under non-reducing conditions.
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001018067</a>
Locus ID:	27122
UniProt ID:	<a href="#">Q9UBP4</a>



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<b>Cytogenetics:</b>	11p15.3
<b>Synonyms:</b>	REIC; RIG
<b>Summary:</b>	This gene encodes a protein that is a member of the dickkopf family. The secreted protein contains two cysteine rich regions and is involved in embryonic development through its interactions with 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. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq, Jul 2008]
<b>Protein Families:</b>	Druggable Genome, Secreted Protein