

## Product datasheet for **TP505281**

### Dkk3 (NM\_015814) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse dickkopf WNT signaling pathway inhibitor 3 (Dkk3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205281 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MQRLGGILLCTLLAAAVPTAPAPSPTVTWTPAEPGPALNYPQEEATLNEMFREVEELMEDTQHKLRSAVE  
EMEAEAAAAKTSSEVNLASLPPNYHNETSTETRVGNNTVHVHQEVHKITNNQSGQVWFSETVITSVGDEE  
GKRSHCEIIDEDCGPTRYCQFSSFKYTCQPCRDQQMLCTRDSECCGDQLCAWGHCTQKATKGGNGTICDN  
QRDCQPGLCCAFQRGLLFPVCTPLPVEGELCHDPTSQLLDLITWELEPEGALDRPCASGLLCQPHSHSL  
VYMCKPAFVGSYHDHSEESQLPREAPDEYEDVGFIGEVQRQELEDLERSLAQEMAFEGPAPVESLGEEEEI

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	38.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_056629</a>
Locus ID:	50781
UniProt ID:	<a href="#">Q9QUN9</a>



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RefSeq Size: 3357

Cytogenetics: 7 F1

RefSeq ORF: 1050

Synonyms: AW061014; C87148; dkk-3; mDkk-3

**Summary:** Antagonizes canonical Wnt signaling by inhibiting LRP5/6 interaction with Wnt and by forming a ternary complex with the transmembrane protein KREMEN that promotes internalization of LRP5/6. DKKs play an important role in vertebrate development, where they locally inhibit Wnt regulated processes such as antero-posterior axial patterning, limb development, somitogenesis and eye formation. In the adult, Dkks are implicated in bone formation and bone disease, cancer and Alzheimer disease (By similarity).[UniProtKB/Swiss-Prot Function]