

Product datasheet for **TP726728**

DKK1 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human DKK-1 (C-Fc)
Species:	Human
Expression cDNA Clone or AA Sequence:	Thr32-His266
Tag:	C-Fc
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS,pH7.4.
Note:	Recombinant Human Dickkopf-related protein 1 is produced by our Mammalian expression system and the target gene encoding Thr32-His266 is expressed with a Fc tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	22943
UniProt ID:	O94907
Summary:	Dickkopf-related protein 1(DKK-1), is a member of the dickkopf family. DKK1 secreted proteins with two cysteine-rich domains separated by a linker region. It 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.



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