Active Recombinant Human DKK1 Protein, His tagged

Cat. No. DKK1-27614TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human DKK1 Protein with His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	32-266 aa
Description	Dickkopf related protein 1 (Dkk-1) is the founding member of the Dickkopf family of proteins that includes Dkk-1, -2, -3, -4, and a related protein, Soggy. Dkk proteins are secreted proteins that contain two conserved cysteine-rich domains separated by a linker region. Dkk 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.
Form	Lyophilized from 0.22μm filtered solution in 20mM PBS (pH 7.4).
Bio-activity	Measured by its binding ability in a functional ELISA. Test result was comparable to standard batch.
Molecular Mass	26.87 kDa

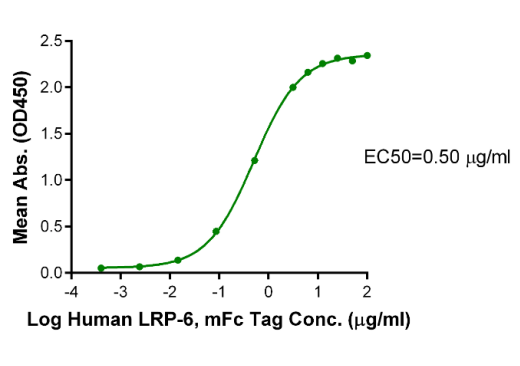
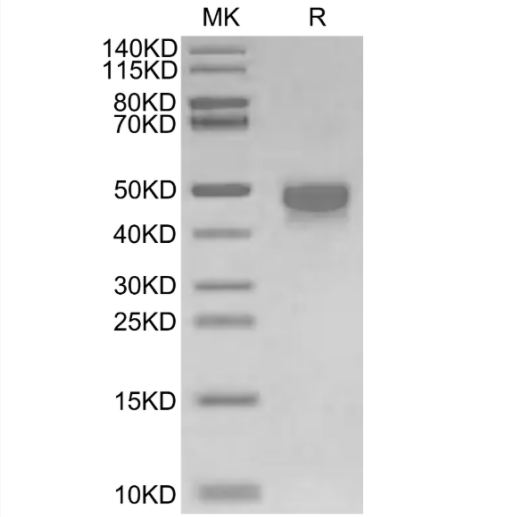
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Endotoxin	< 1 EU/μg by LAL
Purity	> 95% as determined by Bis-Tris PAGE
Notes	For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.
Storage	Upon receiving, the product remains stable for 6 months at -20 centigrade or below. Upon reconstitution, the product should be stable for 3 months at -80 centigrade. Avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/mL is recommended. Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name	DKK1 dickkopf 1 homolog (Xenopus laevis) [Homo sapiens (human)]
Official Symbol	DKK1
Synonyms	DKK1; dickkopf 1 homolog (Xenopus laevis); dickkopf (Xenopus laevis) homolog 1; dickkopf-related protein 1; DKK 1; SK; hDkk-1; dickkopf-1 like; dickkopf related protein-1; DKK-1
Gene ID	22943
mRNA Refseq	NM_012242
Protein Refseq	NP_036374
MIM	605189

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID	O94907
Activity	
SDS-PAGE	

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA