



# Recombinant Mouse Dickkopf-related protein 1 (Dkk1)

<b>Product Code</b>	CSB-BP006920MO
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O54908
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	TLNSVLINS NAIKNLPPPL GGAGGQPGSA VSVAPGVLYE GGNKYQTLDN YQPYPCAEDE ECGSDEYCSS PSRGAAGVGG VQICLACRKR RKRCMRHAMC CPGNYCKNGI CMPSDHSHFP RGEIEESIIE NLGNDHNAAA GDGYPRRTL TSKIYHTKGQ EGSVCLRSSD CAAGLCCARH FWSKICKPVL KEGQVCTKHK RKGSHGLEIF QRCYCGEGLA CRIQKDHHQA SNSRLHTCQ RH
<b>Source</b>	Baculovirus
<b>Target Names</b>	Dkk1
<b>Protein Names</b>	Recommended name: Dickkopf-related protein 1 Short name= Dickkopf-1 Short name= Dkk-1 Short name= mDkk-1
<b>Expression Region</b>	32-272
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	This gene encodes a protein that is a member of the dickkopf family. It is a secreted protein with two cysteine rich regions and is involved in embryonic development through its inhibition of the WNT signaling pathway. Elevated levels of DKK1 in bone marrow plasma and peripheral blood is associated with the presence of osteolytic bone lesions in patients with multiple myeloma.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.