Recombinant Mouse Dickkopf-related protein 1 (Dkk1)

Product Code	CSB-EP006920MO-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O54908
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	TLNSVLINS NAIKNLPPPL GGAGGQPGSA VSVAPGVLYE GGNKYQTLDN YQPYPCAEDE ECGSDEYCSS PSRGAAGVGG VQICLACRKR RKRCMRHAMC CPGNYCKNGI CMPSDHSHFP RGEIEESIIE NLGNDHNAAA GDGYPRRTTL TSKIYHTKGQ EGSVCLRSSD CAAGLCCARH FWSKICKPVL KEGQVCTKHK RKGSHGLEIF QRCYCGEGLA CRIQKDHHQA SNSSRLHTCQ RH
Source	E.coli
Target Names	Dkk1
Protein Names	Recommended name: Dickkopf-related protein 1 Short name= Dickkopf-1 Short name= Dkk-1 Short name= mDkk-1
Expression Region	32-272
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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.
Reconstitution	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.
Shelf Life	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.