



Recombinant Human Dickkopf-related protein 2 (DKK2)

Product Code	CSB-EP866207HU-B
Abbreviation	DKK2
Storage	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.
Uniprot No.	Q9UBU2
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	KLNSIKS SLGGETPGQA ANRSAGMYQG LAFGGSKKGGK NLGQAYPCSS DKECEVGRYC HSPHQGSSAC MVCRRKKKRC HRDGMCCPST RCNNGICIPV TESILTPHIP ALDGTRHRDR NHGHYSNHDH GWQNLGRPHT KMSHIKGHEG DPCLRSSDCI EGFCCARHFW TKICKPVLHQ GEVCTKQRKK GSHGLEIFQR CDCAKGLSCK VWKDATYSSK ARLHVCQKI
Source	E.coli
Target Names	DKK2
Protein Names	Recommended name: Dickkopf-related protein 2 Short name= Dickkopf-2 Short name= Dkk-2 Short name= hDkk-2
Expression Region	34-259
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. The secreted protein contains two cysteine rich regions and is involved in embryonic development through its interactions with the Wnt signaling pathway. It can act as either an agonist or antagonist of Wnt/beta-catenin signaling, depending on the cellular context and the presence of the co-factor kremen 2. Activity of this protein is also modulated by binding to the Wnt co-receptor LDL-receptor related protein 6 (LRP6).
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

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