



Recombinant Human Calcium and integrin-binding family member 2 (CIB2)

Product Code	CSB-EP005427HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O75838
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MGNKQTIFTE EQLDNYQDCT FFNKKDILKL HSRFYELAPN LVPMDYRKSP IVHVPMSLII QMPELRENPF KERIVAAFSE DGEGNLTFND FVDMFSVLCE SAPRELKANY AFKIYDFNTD NFICKEDLEL TLARLTKSEL DEEEVVLVCD KVIEEADLDG DGKLGFAFDFE DMIKAPDFL STFHIRI
Source	E.coli
Target Names	CIB2
Protein Names	Recommended name: Calcium and integrin-binding family member 2 Alternative name(s): Kinase-interacting protein 2 Short name= KIP 2
Expression Region	1-187
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 protein
Target Details	The amino acid sequence This protein is similar to that of KIP/CIB, calcineurin B, and calmodulin. This suggests that the encoded protein may be a Ca ²⁺ -binding regulatory protein that interacts with DNA-dependent protein kinase catalytic subunit (DNA-PKcs).
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.