



Recombinant Human DNA/RNA-binding protein KIN17 (KIN)

Product Code	CSB-EP012351HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O60870
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MGKSDFLTPK AIANRIKSKG LQKLRWYCQM CQKQCRDENG FKCHCMSESH QRQLLLASEN PQQFMDYFSE EFRNDFLELL RRRFGTKRVH NNIVYNEYIS HREHIHMNAT QWETLTDFTK WLGREGLCKV DETPKGWIYQ YIDRDPETIR RQLELEK KKK QDL DDEEKTA KFIEEQVRRG LEGKEQEVPT FTELSRENDE EKVTFNLSKG ACSSSGATSS KSSTLGPSAL KTIGSSASVK RKESSQSSTQ SKEK K K K K KSA LDEIMEIEEEE KKRTARTDYW LQPEIIVKII TKKLGEKYHK KKAIVKEVID KYTAVVKMID SGDKLKL DQT HLETVIPAPG KRILVLNGGY RGNEG TLESI NEKTF SATIV IETGPLKGRR VEGIQYEDIS KLA
Source	E.coli
Target Names	KIN
Protein Names	Recommended name: DNA/RNA-binding protein KIN17 Alternative name(s): Binding to curved DNA KIN, antigenic determinant of recA protein homolog
Expression Region	1-393
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	This protein is a nuclear protein that forms intranuclear foci during proliferation and is redistributed in the nucleoplasm during the cell cycle. Short-wave ultraviolet light provokes the relocalization of the protein, suggesting its participation in the cellular response to DNA damage. Originally selected based on protein-binding with RecA antibodies, the mouse protein presents a limited similarity with a functional domain of the bacterial RecA protein, a characteristic shared by this human ortholog.
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.