



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

<b>Product Code</b>	CSB-EP012351HU-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O60870
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MGKSDFLTPK AIANRIKSKG LQKLRWYCQM CQKQCRDENG FKCHCMSESH QRQLLLASEN PQQFMDYFSE EFRNDFLELL RRRFGTKRVH NNIVYNEYIS HREHIHMNAT QWETLTDFTK WLGREGLCKV DETPKGWIYQ YIDRDPETIR RQLELEKKKK QDLDEEKTA KFIEEQVRRG LEGKEQEVPT FTELSRENDE EKVTFNLSKG ACSSSGATSS KSSTLGPSAL KTIGSSASVK RKESSQSSTQ SKEKKKKKSA LDEIMEIEEEE KKRTARTDYW LQPEIIVKII TKKLGEKYHK KKAIVKEVID KYTAVVKMID SGDKLKLQDT HLETVIPAPG KRILVLNGGY RGNEGTLESI NEKTFSATIV IETGPLKGRR VEGIQYEDIS KLA
<b>Source</b>	E.coli
<b>Target Names</b>	KIN
<b>Protein Names</b>	Recommended name: DNA/RNA-binding protein KIN17 Alternative name(s): Binding to curved DNA KIN, antigenic determinant of recA protein homolog
<b>Expression Region</b>	1-393
<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 protein
<b>Target Details</b>	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.
<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.