



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

<b>Product Code</b>	CSB-MP012351HU
<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 RQLELEK KKK QDL DDEEKTA KFIEEQVRRG LEGKEQEVPT FTELSRENDE EKVTFNLSKG ACSSSGATSS KSSTLGPSAL KTIGSSASVK RKESSQSSTQ SKEK K K K K KSA LDEIMEIEEEE KKRTARTDYW LQPEIIVKII TKKLGEKYHK KKAIVKEVID KYTAVVKMID SGD K L K L D Q T H L E T V I P A P G K R I L V L N G G Y R G N E G T L E S I N E K T F S A T I V I E T G P L K G R R V E G I Q Y E D I S K L A
<b>Source</b>	Mammalian cell
<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.