



Recombinant Human Checkpoint protein HUS1B (HUS1B)

Product Code	CSB-MP844090HU
Abbreviation	HUS1B
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.	Q8NHY5
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MKFRAKITGK GCLELFHVS GTVARLAKVC VLRVRPDSLC FGPAGSGGLH EARLWCEVRQ GAFQQFRMEG VSEDLDEIHL ELTAEHLSRA ARSAAGASSL KLQLTHKRRP SLTVAVELVS SLGRARSVVH DLPVRVLP RR VWRDCLPPSL RASDASIRLP RWRTLRSIVE RMANVGSHVL VEANLSGRMT LSIETEVVSI QSYFKNLGNP PQSAVGVPEN RDLESMVQVR VDNRKLLQFL EGQQIHPTTA LCNIWDNTLL QLVLVQEDVS LQYFIPAL
Source	Mammalian cell
Target Names	HUS1B
Protein Names	Recommended name: Checkpoint protein HUS1B Short name= hHUS1B
Expression Region	1-278
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 most closely related to HUS1, a component of a cell cycle checkpoint protein complex involved in cell cycle arrest in response to DNA damage. This protein can interact with the check point protein RAD1 but not with RAD9. Overexpression of this protein has been shown to induce cell death, which suggests a related but distinct role of this protein, as compared to the HUS1.
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.