



Recombinant Human Kelch domain-containing protein 3 (KLHDC3)

Product Code	CSB-MP858414HU
Abbreviation	KLHDC3
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.	Q9BQ90
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MLRWTVHLEG GPRRVNHA AV AVGH RVYSFG GYCSGEDYET LRQIDVHIFN AVSLRWTKLP PVKSAIRGQA PVVPYMR YGH STVLIDDTVL LWGGRNDTEG ACNVL YAFDV NTHKWFTPRV SGTVP GARDG HSACVLGKIM YIFGGYEQQA DCFSNDIHKL DTSTMTWTLI CTKGSPARWR DFHSATMLGS HMYVFGGRAD RFGPFHSNNE IYCNRIRVFD TRTEAWLDCP PTPVLPEGRR SHSAFGYNGE LYIFGGYNAR LNRHFHDLWK FNPVSFTWKK IEPKKGPCP RRRQCCCIVG DKIVLFGGTS PSPEEGLGDE FDLIDHSDLH ILDFSPSLKT LCKLAVIQYN LDQSCLPHDI RWELNAMTTN SNISRPIVSS HG
Source	Mammalian cell
Target Names	KLHDC3
Protein Names	Recommended name: Kelch domain-containing protein 3 Alternative name(s): Protein Peas Testis intracellular mediator protein
Expression Region	1-382
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 contains six repeated kelch motifs that are structurally similar to recombination activating gene 2 (RAG2), a protein involved in the activation of the V(D)J recombination. In mouse, this gene is found to express specifically in testis. Its expression in pachytene spermatocytes is localized to cytoplasm and meiotic chromatin, which suggests that this gene may be involved in meiotic recombination.
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

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