



# Recombinant Human Kelch domain-containing protein 3 (KLHDC3)

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| <b>Product Code</b>      | CSB-EP858414HU-B   |
| <b>Abbreviation</b>      | KLHDC3   |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.   |
| <b>Uniprot No.</b>       | Q9BQ90   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Homo sapiens (Human)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | MLRWTVHLEG GPRRVNHA AV AVGH RVYSFG GYCSGEDYET LRQIDVHIFN AVSLRWTKLP PVKSAIRGQA PVVPYMR YGH STVLIDDTVL LWGGRNDTEG ACNVL YAFDV NTHKWFTPRV SGTVP GARDG HSACVLGKIM YIFGGYEQQA DCFSNDIHLK DTSTMTWTLI CTKGSPARWR DFHSATMLGS HMYVFGGRAD RFGPFHSNNE IYCNRIRVFD TRTEAWLDCP PTPVLPEGRR SHSAFGYNGE LYIFGGYNAR LNRHFHDLWK FNPVSFTWKK IEPKKGPCP RRRQCCCIVG DKIVLFGGTS PSPEEGLGDE FDLIDHSDLH ILDFSPSLKT LCKLAVIQYN LDQSCLPHDI RWELNAMTTN SNISRPIVSS HG |
| <b>Source</b>            | E.coli   |
| <b>Target Names</b>      | KLHDC3   |
| <b>Protein Names</b>     | Recommended name: Kelch domain-containing protein 3 Alternative name(s): Protein Peas Testis intracellular mediator protein  |
| <b>Expression Region</b> | 1-382  |
| <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 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.             |
| <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.

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