# Recombinant Human CENPE protein, His-tagged

**Cat. No.** CENPE-3800H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human CENPE protein(2401-2500 aa), fused to His tag, was expressed in E. coli. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | 2401-2500 aa |
| **Form** | The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole. |
| **AA Sequence** | MESKIIKMQKELEVTNDIIAKLQAKVHESNKCLEKTKETIQVLQDKVALGAKPYKEEIE DLKMKLVKIDLEKMKNAKEFEKEISATKATVEYQKEVIRLLR |
| **Purity** | 90%, by SDS-PAGE with Coomassie Brilliant Blue staining. |
| **Storage** | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles. |
| **Reconstitution** | Reconstitute at 0.25 ḡ/µl in 200 µl sterile water for short-term storage.<br>Reconstitution with 200 µl 50% glycerol solution is recommended for longer term |

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| | storage. |

## GENE INFORMATION

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| **Gene Name** | CENPE centromere protein E, 312kDa [ Homo sapiens ] |
| **Official Symbol** | CENPE |
| **Synonyms** | CENPE; centromere protein E, 312kDa; centromere protein E (312kD); centromere-associated protein E; KIF10; PPP1R61; protein phosphatase 1; regulatory subunit 61; kinesin family member 10; kinesin-related protein CENPE; Centromere autoantigen E (312kD); protein phosphatase 1, regulatory subunit 61; CENP-E; |
| **Gene ID** | 1062 |
| **mRNA Refseq** | NM_001813 |
| **Protein Refseq** | NP_001804 |
| **MIM** | 117143 |
| **UniProt ID** | Q02224 |

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