

Recombinant Human CENPE protein, His-tagged

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

SPECIFICATION

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 Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MESKIIKMQKELEVTDNDIIAKLQAKVHESNKCLEKTKETIQVLQDKVALGAKPYKEEIE DLKMKLVKIDLEKMKNAKEFEKEISATKATVEYQKEVIRLLR
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). 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 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

storage.

GENE INFORMATION

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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