

Recombinant Human CEP170 protein, His-tagged

Cat. No. CEP170-2649H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CEP170 protein(1012-1202 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1012-1202 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	EASDSELADADKASVASEVSTTSSTSKPPTGRRNISRIDLLAQPRRTLGSLSARSD SEATISRSSASSRTAEAIIRSGARLVPSDKFSPRIRANSISRLSDSKVKSMTSAHGSAS VNSRWRRFPTDYASTSEDEFSGSNRNSPKHTRLRTSPALKTTTLQSAGSAMPTSSSF KHRIKEQEDYIRDWTAHRE
Purity	95%, 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.

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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 storage.

GENE INFORMATION

Gene Name CEP170 centrosomal protein 170kDa [Homo sapiens]

Official Symbol CEP170

Synonyms CEP170; centrosomal protein 170kDa; KIAA0470; centrosomal protein of 170 kDa; FAM68A; KAB; KARP 1 binding protein; XRCC5 binding protein; KARP-1-binding protein;

Gene ID 9859

mRNA Refseq NM_001042404

Protein Refseq NP_001035863

MIM 613023

UniProt ID Q5SW79

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