

Recombinant Full Length Human CENPK Protein, GST-tagged

Cat. No. CENPK-3141HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CENPK full-length ORF (AAH05400.1, 1 a.a. - 269 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	269 amino acids
Description	CENPK is a subunit of a CENPH (MIM 605607)-CENPI (MIM 300065)-associated centromeric complex that targets CENPA (MIM 117139) to centromeres and is required for proper kinetochore function and mitotic progression (Okada et al., 2006 [PubMed 16622420]).[supplied by OMIM, Mar 2008]
Molecular Mass	55.33 kDa
AA Sequence	MNQEDLDPDSTTDVGDVTNTEEEELIRECEEMWKDMEECQNKLSLIGTETLTDSNAQ LSLLIMQVKCLTAELSQWQKKTPEITPLTEDVLITLGKEEFQKLRQDLEMVLSTKESK NEKLKEDLEREQRWLDEQQQIMESLNVLHSELKNKVETFSERIFNELKTKMLNIKE YKEKLLSTLGEFLEDHFPLPDRSVKKKKKNIQESSVNLITLHEMLEILINRLFDVPHDP YVKISDSFWPPYVELLLRNGIALRHPEDPTRIRLEAFHQ
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	CENPK centromere protein K [Homo sapiens]
Official Symbol	CENPK
Synonyms	CENPK; centromere protein K; CENP K; FKSG14; SOLT; protein AF-5alpha; leucine zipper protein FKSG14; SoxLZ/Sox6-binding protein Solt; interphase centromere complex protein 37; P33; Solt; CENP-K; AF5alpha;
Gene ID	64105
mRNA Refseq	NM_022145
Protein Refseq	NP_071428
MIM	611502
UniProt ID	Q9BS16

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