

Recombinant Human CENPK Protein (1-269 aa), GST-tagged

Cat. No. CENPK-2144H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CENPK Protein (1-269 aa) is produced by E. coli expression system. This protein is fused with a GST tag at the N-terminal. Research Area: Epigenetics and Nuclear Signaling. Protein Description: Full Length.
Species	Human
Source	E.coli
ProteinLength	1-269 aa
Description	Component of the CENPA-CAD (nucleosome distal) complex, a complex recruited to centromeres which is involved in assembly of kinetochore proteins, mitotic progression and chromosome segregation. May be involved in incorporation of newly synthesized CENPA into centromeres via its interaction with the CENPA-NAC complex. Acts in coordination with CASC5/KNL1 to recruit the NDC80 complex to the outer kinetochore.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	58.7 kDa
AA Sequence	MNQEDLDPDSTTDVGDVTNTEEEELIRECEEMWKDMEECCQNKLSLIGTETLTDSNAQ LSLLIMQVKCLTAELSQWQKKTPEITPLTEDVLITLGKEEFQKLRQDLEMVLSTKESK NEKLKEDLEREQRWLDEQQQIMESLNVLHSELKNKVETFSESRIFFNELKTKMLNIKE YKEKLLSTLGEFLEDHFPLPDRSVKKNKKNIQESSVNLITLHEMLEILINRLFDVPHDP

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YVKISDSFWPPYVELLLRNGIALRHPEDPTRIRLEAFHQ

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name CENPK centromere protein K [Homo sapiens]

Official Symbol CENPK

Synonyms CENPK; centromere protein K; CENP K; FKSG14; SOLT; P33; Solt; CENP-K; AF5alpha;

Gene ID 64105

mRNA Refseq NM_022145

Protein Refseq NP_071428

MIM 611502

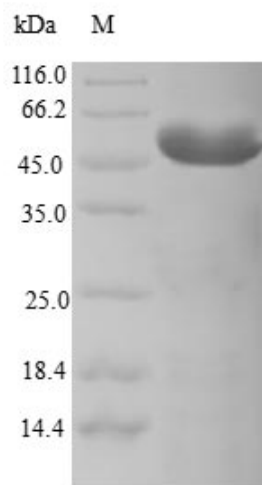
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UniProt ID

Q9BS16



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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