

Recombinant Full Length Human CENPN Protein, GST-tagged

Cat. No. CENPN-1720HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BM039 full-length ORF (AAH07334, 1 a.a. - 204 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	204 amino acids
Description	The centromere is a specialized chromatin domain, present throughout the cell cycle, that acts as a platform on which the transient assembly of the kinetochore occurs during mitosis. All active centromeres are characterized by the presence of long arrays of nucleosomes in which CENPA (MIM 117139) replaces histone H3 (see MIM 601128). CENPN is an additional factor required for centromere assembly (Foltz et al., 2006 [PubMed 16622419]).
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	48.18 kDa
AA Sequence	MDETVAEFIKRTILKIPMNELTTILKAWDFLSENQLQTVNFRQRKESVVQHILHLCEEK RASISDAALLDIIYMQFHQHQKVWDVFQMSKGPGEVDLFDMMKQFKNSFKKILQRAL KNVTVSFRETEENAVWIRIAWGTQYTKPNQYKPTYVVYYSQTPYAFTSSSMLRRNT PLLGQELEATGKIYLRQEEIILDITEMKKACN

 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

Notes	Best use within three months from the date of receipt of this protein.
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	CENPN centromere protein N [Homo sapiens]
Official Symbol	CENPN
Synonyms	CENPN; centromere protein N; C16orf60, chromosome 16 open reading frame 60; BM039; FLJ13607; FLJ22660; interphase centromere complex protein 32; CENP-N; C16orf60
Gene ID	55839
mRNA Refseq	NM_001100624
Protein Refseq	NP_001094094
MIM	611509
UniProt ID	Q96H22

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