

Major centromere autoantigen B (CENPB) Recombinant Protein | CENPB recombinant protein

Recombinant Human Major centromere autoantigen B (CENPB)

CATALOG # AAA114088	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
-------------------------------	---

PRODUCT SYNONYMS

Major centromere autoantigen B (CENPB); Recombinant Human Major centromere autoantigen B (CENPB); CENPB recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-599aa; Full Length of Mature Protein
Sequence	GPKRRQLTFR EKSRIIQEVE ENPDLRKGEI ARRFNIPPST LSTILKNKRA ILASERKYGV ASTCRKTNKL SPYDKLEGLL IAWFQQIRAA GLPVKGIIK EKALRIAEEL GMDDFTASNG WLDRFRRRHG VVSCSGVARA RARNAAPRTP AAPASPAAVP SEGSGGSTTG WRAREEQPPS VAEGYASQDV FSATETSLWY DFLPDQAAGL CGGDGRPRQA TQRLSVLLCA NADGSEKLPP LVAGSAKPR AGQAGLPCDY TANSKGGVTT QALAKYLKAL DTRMAAESRR VLLLAGRLAA QSLDTSGLRH VQLAFFPPGT VHPLERGVVQ QVKGHYRQAM LLKAMAALLEG QDPSGLQLGL TEALHFVAAA WQAVEPSDIA ACFREAGFGG GPNATITTS LKSEEEEEEE EEEEEEEEEE EEEEEEEEEE EEEEEEGEGEE LGEEEEVEEE GDVDSDEEEE EDEESSSEGL EAEDWAQGVV EAGGSFGAYG AQEEAQCP TL HFLEGGEDSD SDSEEEEDDEE EDDEDEDDDD DEEDGDEVPV PSFGEAMAYF AMVKRYLT SF PIDDRVQSHI LHLEHDLVHV TRKNHARQAG VRGLGHQS
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for CENPB recombinant protein	This gene product is a highly conserved protein that facilitates centromere formation. It is a DNA-binding protein that is derived from transposases of the pogo DNA transposon family. It contains a helix-loop-helix DNA binding motif at the N-terminus, and a dimerization domain at the C-terminus. The DNA binding domain recognizes and binds a 17-bp sequence (CENP-B box) in the centromeric alpha satellite DNA. This protein is proposed to play an important role in the assembly of specific centromere structures in interphase nuclei and on mitotic chromosomes. It is also considered a major centromere autoantigen recognized by sera from patients with anti-centromere antibodies.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	21735415
NCBI GeneID	1059
NCBI Accession #	NP_001801.1
NCBI GenBank Nucleotide #	NM_001810.5
UniProt Accession #	P07199 ; Q96EI4
Molecular Weight	65,171 Da

NCBI Official Full Name	major centromere autoantigen B
NCBI Official Synonym Full Names	centromere protein B
NCBI Official Symbol	CENPB
NCBI Protein Information	major centromere autoantigen B
UniProt Protein Name	Major centromere autoantigen B
UniProt Gene Name	CENPB
UniProt Synonym Gene Names	CENP-B

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/cenpb-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114088>