

# CENPA Human

Centromere Protein A Human Recombinant  
RCP0388

## Product Overview

Name CENPA Human

### Description

Centromere Protein A Human Recombinant

Accession (Primary) [P49450](#)

### Synonyms

Major centromere autoantigen B, Centromere protein B, CENP-B, CENPB.

### Introduction

Centromere proteins are a group of proteins which form and/or mediate the function of centromeres, the central structures of chromosomes to which spindle fibers/microtubuli attach and pull the chromosomes apart in cell division. Currently, 9 centromere proteins are known and designated CENPA to CENP-I. Most of the centromere proteins are targets of autoantibodies, the anti-centromere antibodies. CENPB is the most important of the centromeric autoantigens: it has a molecular weight of approx. 66 kDa and plays an important role in the formation of the centromeric chromatin. CENPB antibodies are present in the sera of up to 80% of patients with CREST syndrome.

### Source

Sf9 insect cells.

### Physical Appearance

Sterile Filtered liquid formulation.

### Formulation

CENPB is supplied at a concentration of in 20mM HEPES buffer pH-7.6, 250mM NaCl and 20% glycerol.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.

### Purity

Greater than 95% as determined by SDS-PAGE.

### Coating concentration

0.15-0.375 µg/ml (depending on the type of ELISA plate and coating buffer). Suitable for biotinylation and iodination.

### Precautions

CENPA Human is for research use only and not for use in diagnostic or therapeutic procedures.

## Target Information: ( [P49450](#) )

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