

## 32-3504: CENPB Recombinant Protein

**Alternative Name :** Major centromere autoantigen B,Centromere protein B,CENP-B,CENPB.

### Description

Source : Sf9 insect cells. CENPB Human Recombinant produced in SF9 is a glycosylated, polypeptide chain having a molecular mass of 65,940 Dalton. CENPB is expressed with a -6x His tag at N-terminus and purified by proprietary chromatographic techniques. 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.

### Product Info

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| <b>Amount :</b>            | 20 µg  |
| <b>Purification :</b>      | Greater than 90% as determined by SDS-PAGE.  |
| <b>Content :</b>           | CENPB is supplied in 20mM HEPES buffer pH-7.6, 250mM sodium chloride, and 20% glycerol.  |
| <b>Storage condition :</b> | 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. |

