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CENPB Human

Catalog #:PRPS-397

For research use only.

Description: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.

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

Source: Sf9 insect cells.

Physical Appearance: Sterile Filtered liquid formulation.

Purity: Greater than 90% as determined by SDS-PAGE.

Formulation:
CENPB is supplied in 20mM HEPES buffer pH-7.6, 250mM sodium chloride, and 20% glycerol.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

Applications:
Western-Blot with monoclonal anti-hexa-His-tag antibody & Scleroderma patient sera.

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.

Storage:
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.

To place an order, please Click HERE.

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