

## Beta Actin

### Recombinant Human Beta Actin Protein

Cat. #RP-9884-P1ABX, or -PABX (50µl or 100µl at 100µg/ml) (RP without BSA and Azide)

#### **Description:**

Beta actin is one of six different actin isoforms that have been identified. ACTB is one of the two nonmuscle cytoskeletal actins. Actins are highly conserved proteins that are involved in cell motility, structure and integrity. Alpha actins are a major constituent of the contractile apparatus.

#### **Accession Number:**

NP-001092.1

#### **Source:**

Recombinant full length (aa 1-375) human Beta Actin protein expressed in *E.coli*

#### **Suggested Applications:**

- ELISA
- Inhibition Assays
- Western Blotting
- Protein-Protein interactions

*The optimal dilution for a specific application should be determined by the investigator.*

#### **Characterization:**

On SDS-PAGE commassie blue stained gel, the purified recombinant protein shows a band at 45 kDa.

#### **Supplied As:**

Beta Actin protein was purified from *E.coli* and packaged at 100µg/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA, 20% Glycerol.

#### **Storage and Stability:**

Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months.

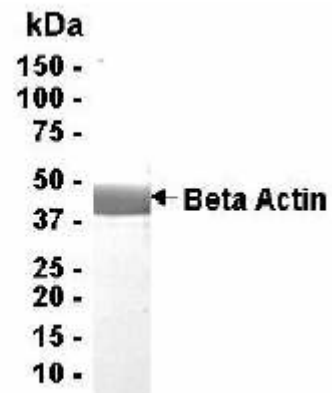
#### **Limitations and Warranty:**

Our products are intended FOR RESEARCH USE ONLY and are not approved for clinical diagnosis, drug use or therapeutic procedures. No products are to be construed as a recommendation for use in violation of any patents. We make no representations, warranties or assurances as to the accuracy or completeness of information provided on our data sheets and website. Our warranty is limited to the actual price paid for the product. NeoMarkers is not liable for any property damage, personal injury, time or effort or economic loss caused by our products.

#### **Material Safety Data:**

This product is not licensed or approved for administration to humans or to animals other than the experimental animals. Standard Laboratory Practices should be followed when handling this material. The chemical, physical, and toxicological properties of this material have not been thoroughly investigated. Appropriate measures should be taken to avoid skin and eye contact, inhalation, and ingestion.

#### **For Research Use Only**



SDS-PAGE: Analysis of Beta Actin Recombinant Protein

