

# Recombinant Human $\beta$ -Actin/Beta Actin Protein (His Tag)

RPES3424

## Description

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This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Protein Information

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**SKU:** RPES3424

**Purity:** > 90 % as determined by reducing SDS-PAGE.

**Contents:** 50 $\mu$ g, 10 $\mu$ g  
Bradford Reagent: 1 vial (2ml)

**Concentration:** Subject to label value.

**Species:** Human

**Endotoxin:** < 1.0 EU per  $\mu$ g of the protein as determined by the LAL method.

**Synonyms:** ACTB, Actin Cytoplasmic 1, Beta-Actin

**Storage:** Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.  
Store Bradford Reagent at Room Temperature for 1 year.

**Tag:** C-His

**Shipping:** This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.

**Expression Host:** E.coli

**Bio-Activity:** Not validated for activity

**Calculated MW:** 42.8 kDa

**Formulation:** Supplied as a 0.2  $\mu$ m filtered solution of 10mM Tris-HCl, 0.1% TritonX-100, 2mM DTT, 10% Glycerol, pH 8.0.

**Observed MW:** 43 kDa

**Reconstitution:** -

**Accession:** P60709

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

**Source:** E.coli-derived Human  $\beta$ -Actin/Beta Actin protein Asp2-Phe375, with an C-terminal His

**Manufacturers Statement:** This final kit system is assembled and quality-released by Assay Genie Limited.

**Sequence:** Asp2-Phe375

**Notes:** Centrifuge before opening to ensure complete recovery of vial contents.

**Form:** Liquid