

# Recombinant E.coli Tryptophan Synthase $\beta$ Chain/Trp B Protein (His RPES3392)

## Description

---

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

---

**SKU:** RPES3392

**Purity:** > 95 % as determined by reducing SDS-PAGE.

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

**Concentration:** Subject to label value.

**Species:** E.coli

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

**Synonyms:** Tryptophan synthase beta chain, trpB

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

**Tag:** N-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:** 43.8 kDa

**Formulation:** Supplied as a 0.2  $\mu$ m filtered solution of 20mM Tris-HCl, 8% Sucrose, 0.05% Tween 80, pH 8.5.

**Observed MW:** 38-48 kDa

**Reconstitution:** -

**Accession:** P0A879

**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 E.coli Tryptophan Synthase  $\beta$  Chain/Trp B protein Thr2-Ile397, with an N-terminal His

**Sequence:** Thr2-Ile397

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

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

**Form:** Liquid