

# Recombinant Human B4GAT1/B3GNT1 Protein (His Tag)

RPES3241

## 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:** RPES3241

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

**Contents:** 50µg, 10µg  
Bradford Reagent: 1 vial (2ml)

**Concentration:** -

**Species:** Human

**Endotoxin:** < 1.0 EU per µg of the protein as determined by the LAL method.

**Synonyms:** 3-N-Acetylglucosaminyltransferase, 3-N-Acetylglucosaminyltransferase 1, B3GNT1, B3GNT6, I-Beta-1, N-Acetyllactosaminide Beta-1, Poly-N-Acetyllactosamine Extension Enzyme, UDP-GlcNAc:BetaGal Beta-1, iGnT

**Storage:** Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Store Bradford Reagent at Room Temperature for 1 year.

**Tag:** C-His

**Shipping:** This product is provided as lyophilized powder which is shipped with ice packs.

**Expression Host:** HEK293 Cells

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

**Calculated MW:** 43.4 kDa

**Formulation:** Lyophilized from a 0.2 µm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.

**Observed MW:** 45-55 kDa

**Reconstitution:** Please refer to the printed manual for detailed information.

**Accession:** O43505

**Source:** HEK293 Cells-derived Human B4GAT1, B3GNT1 protein Asp43-Cys415, with an C- terminal His

**Sequence:** Asp43-Cys415

**Form:** Lyophilized powder

**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

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