

# Recombinant Human ALDH4A1 Protein (His & GST Tag)

RPES1793

## 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:** RPES1793

**Purity:** > 80 % as determined by reducing SDS-PAGE.

**Contents:** 100µg  
Bradford Reagent: 1 vial (2ml)

**Concentration:** -

**Species:** Human

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

**Synonyms:** ALDH4, P5CD, P5CDh

**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:** N-His-GST

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

**Expression Host:** Baculovirus-Insect Cells

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

**Calculated MW:** 86.8 kDa

**Formulation:** Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 8.5, 10% glycerol 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:** 75 kDa

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

**Accession:** AAH07581.1

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in

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

**Source:** Baculovirus-Insect Cells-derived Human ALDH4A1 protein Lys 25-Gln 563, with an N- terminal His & GST

**Sequence:** Lys 25-Gln 563

**Form:** Lyophilized powder

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.