

Recombinant Human ALDH1A1/ALDC Protein (His Tag)

RPES2227

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: RPES2227

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

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

Concentration: Subject to label value.

Species: Human

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

Synonyms: ALDC, ALDH-E1, ALDH1, ALDH11, ALDH1A1, ALHDII, Aldehyde Dehydrogenase Cytosolic, Aldehyde Dehydrogenase Family 1 Member A1, HEL-9, HEL-S-53e, HEL12, PUMB1, PUMB10, RALDH 1, RALDH1, RaLDH1, Retinal Dehydrogenase 1

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: 57.0 kDa

Formulation: Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 150mM NaCl, 20% Glycerol, 1mM DTT, pH 8.0.

Observed MW: 60 kDa

Reconstitution: -

Accession: P00352

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

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

Source: E.coli-derived Human ALDH1A1, ALDC protein Met 1-Ser501, with an N-terminal His

Sequence: Met 1-Ser501

Form: Liquid

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