

Recombinant Human ALK-2/ACVR1 Protein (His &Fc Tag)

RPES5217

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: RPES5217

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

Contents: 200µg
Bradford Reagent: 1 vial (2ml)

Concentration: -

Species: Human

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

Synonyms: ACTR-I, ACVR1, ACVR1A, ACVRLK2, ALK-2, ALK2, Activin Receptor Type I, Activin Receptor Type-1, Activin Receptor-Like Kinase 2, FOP, SKR1, Serine/Threonine-Protein Kinase Receptor R1, TGF-B Superfamily Receptor Type I, TSR-I

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-Fc

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

Expression Host: HEK293 Cells

Bio-Activity: Measure by its ability to bind with human BMP2 in a functional ELISA.

Calculated MW: 39.6 kDa

Formulation: Lyophilized from sterile PBS, 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: 40-45 kDa

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

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

Accession: NP_001104537.1

Source: HEK293 Cells-derived Human ALK-2/ACVR1 protein Met 1-Val 124, with an C- terminal His & Fc

Sequence: Met 1-Val 124

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.