

# Recombinant Human TGFBR1/ALK-5 Protein (aa 200-503, His & GST Tag)

## RPES1889

### Description

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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

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**SKU:** RPES1889

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

**Contents:** 50µg  
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:** AAT5, ACVRLK4, ALK-5, ALK5, ESS1, LDS1, LDS1A, LDS2A, MSSE, SKR4, TGFR-1, tbetaR-I

**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-GST

**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:** Baculovirus-Insect Cells

**Bio-Activity:** The specific activity was determined to be 40 nmol/min/mg using casein as substrate.

**Calculated MW:** 62.6 kDa

**Formulation:** Supplied as sterile solution of 20mM Tris, 500mM NaCl, pH 8.5, 10% glycerol

**Observed MW:** 57 kDa

**Reconstitution:** -

**Accession:** P36897-1

**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:** Baculovirus-Insect Cells-derived Human TGFBR1/ALK-5 protein Thr 200-Mey503, with an N-terminal His & GST

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

**Sequence:** Thr 200-Mey503

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

**Form:** Liquid