

# Recombinant Human SerpinF2/SERPINF2 Protein (His Tag)

RPES4628

## 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:** RPES4628

**Purity:** > 97 % as determined by reducing SDS-PAGE.

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

**Concentration:** -

**Species:** Human

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

**Synonyms:** A2AP, AAP, ALPHA-2-PI, API, PLI

**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:** Measured by its ability to inhibit trypsin cleavage of a fluorogenic peptide substrate, Mca-RPKPVE-Nval-WRK(Dnp)-NH<sub>2</sub> (Anaspec, Catalog#27114). The IC<sub>50</sub> value is < 0.5 nM.

**Calculated MW:** 53.2 kDa

**Formulation:** Lyophilized from sterile 25mM Tris, 150mM NaCl, pH 7.5 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:** 70 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\_000925.2

**Source:** HEK293 Cells-derived Human SerpinF2/SERPINF2 protein Met 1-Lys 491, with an C- terminal His

**Sequence:** Met 1-Lys 491

**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.