

RP01182

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# Recombinant Human TSG-14/PTX3 Protein

Catalog No.: RP01182

Recombinant

## Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	5806	P26022

### Tags

C-His

### Synonyms

PTX3;TNFAIP5;TSG-14

## Product Information

Source	Purification
HEK293 cells	> 90% by SDS-PAGE.

### Endotoxin

< 0.1 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

### Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Background

### Basic Information

#### Description

Recombinant Human TSG-14/PTX3 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Glu18-Ser381) of human Pentraxin 3/TSG-14 (Accession #NP\_002843.2) fused with a 6×His tag at the C-terminus.

#### Bio-Activity

Measured by its binding ability in a functional ELISA. Immobilized Human FGF2 Protein at 1 μg/mL (100 μL/well) can bind PTX3 with a linear range of 0.98-18.86 ng/mL.

#### Storage

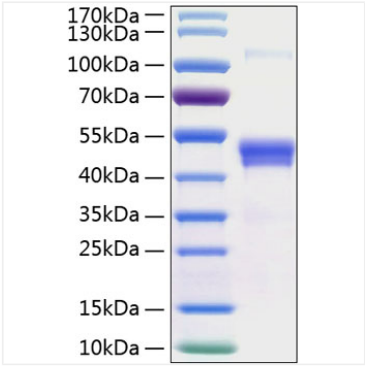
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

## Contact

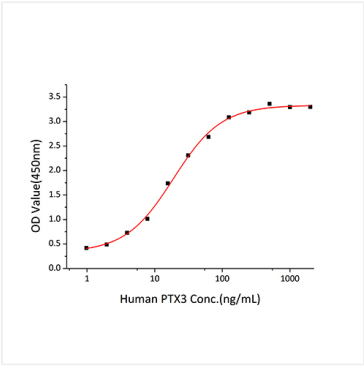


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Validation Data



Recombinant Human TSG-14/PTX3 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 45-50 kDa.



Immobilized HumanFGF2 Protein at 1  $\mu\text{g/mL}$  (100  $\mu\text{L/well}$ ) can bind PTX3 with a linear range of 0.98-18.86 ng/mL.