

# Recombinant Human TSG-14/PTX3 Protein

Catalog No.: RP01182

## Sequence Information

### Species Gene ID

Human 5806

### Swiss Prot Tags

P26022 C-His

### Synonyms

PTX3, TNFAIP5, TSG-14

## Product Information

### Source Purification

HEK293 cells ≥ 90 % as determined by SDS-PAGE.

### Calculated MWObserved MW

40.96 kDa 45–50 kDa

### 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.

#### Activity

Measured by its binding ability in a functional ELISA. Immobilized HumanFGF2 Protein at 1 μg/mL (100 μL/well) can bind PTX3 with a linear range of 0.98–18.86 ng/mL.

#### Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

#### Storage

Store at –20°C

#### Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

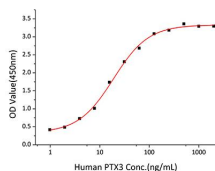
## Contact

☎ | 400-999-6126

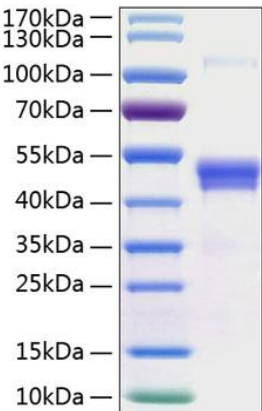
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# Validation Data



Immobilized Human FGF2 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.



Recombinant Human TSG-14/PTX3 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.