



## Synonym

Pentraxin 3, TSG-14, TNFAIP5, Pentraxin-related protein PTX3, PTX3

## Source

Mouse PTX3, His Tag(PT3-M52H6) is expressed from human 293 cells (HEK293). It contains AA Glu 18 - Ser 381 (Accession # [P48759-1](#)).

Predicted N-terminus: Glu 18

## Molecular Characterization

PTX3(Glu 18 - Ser 381)  
P48759-1 Poly-his

This protein carries a polyhistidine tag at the C-terminus.

The protein has a calculated MW of 41.9 kDa. The protein migrates as 45-55 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

## Endotoxin

Less than 1.0 EU per µg by the LAL method / rFC method.

## Purity

>90% as determined by SDS-PAGE.

## Formulation

Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.

Contact us for customized product form or formulation.

## Reconstitution

Please see Certificate of Analysis for specific instructions.

*For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.*

## Storage

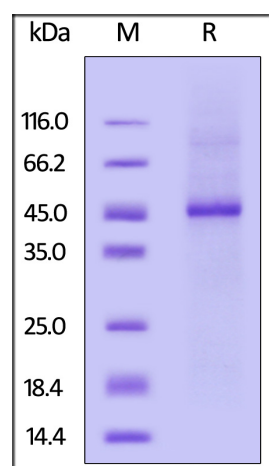
For long term storage, the product should be stored at lyophilized state at -20°C or lower.

*Please avoid repeated freeze-thaw cycles.*

This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

## SDS-PAGE



Mouse PTX3, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%.

## Bioactivity-ELISA

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and more!

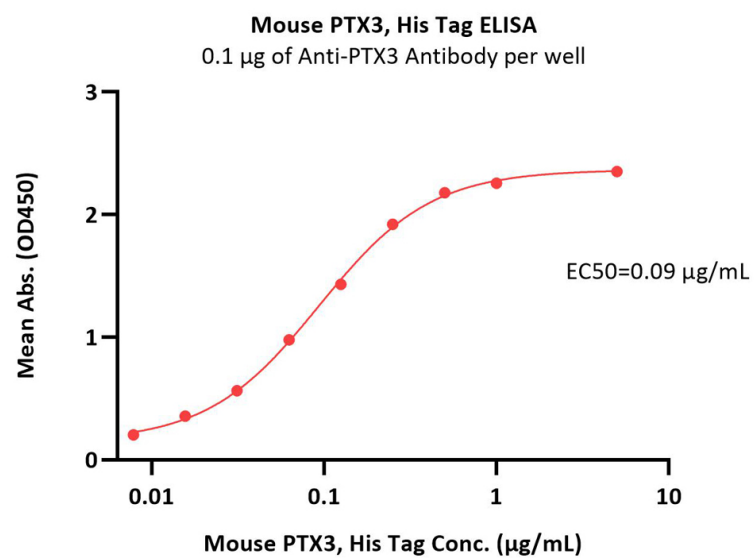


# Mouse PTX3 / TSG-14 Protein, His Tag

Catalog # PT3-M52H6



BIOSYSTEMS  
**Acro**



Immobilized Anti-PTX3 Antibody at 1 µg/mL (100 µL/well) can bind Mouse PTX3, His Tag (Cat. No. PT3-M52H6) with a linear range of 0.008-0.5 µg/mL (Routinely tested).

## Background

PTX3 is a prototypic long pentraxin consisting of a C-terminal 203-amino acid pentraxin-like domain coupled with an N-terminal 178-amino acid unrelated portion. Plays a role in the regulation of innate resistance to pathogens, inflammatory reactions, possibly clearance of self-components and female fertility. PTX3 can binds to C1q, but not C1s.

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