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Recombinant Human TSG-14/PTX3 Protein

Catalog No.: RP01182 Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	5806	P26022

Tags
C-His

Synonyms
PTX3;TNFAIP5;TSG-14

Product Information

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

Calculated MW	Observed 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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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Background

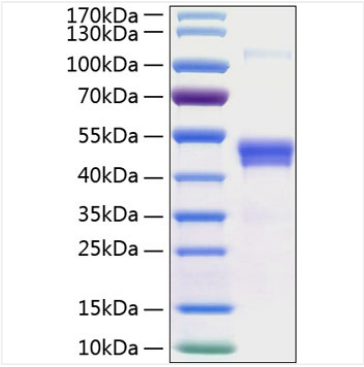
Basic Information

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.

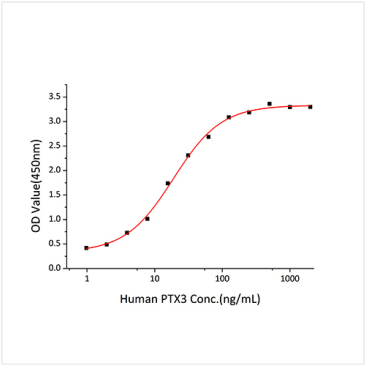
Bio-Activity
Measured by its binding ability in a functional ELISA. Immobilized HumanFGF2 Protein at 1 μg/mL (100 μL/well) can bind PTX3 with a linear range of 0.98-18.86 ng/mL.

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

Validation Data



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



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