

Recombinant Human Annexin A5/ANXA5 Protein

Catalog No.: RP01180

Recombinant

1 Publications

Sequence Information

Species	Gene ID	Swiss Prot
Human	308	P08758

Tags

C-His

Synonyms

ANX5; ENX2; HEL-S-7; PP4;
RPRGL3; ANXA5; ENX2; HEL-
S-7; PP4; RPRGL3

Product Information

Source	Purification
<i>E. coli</i>	≥ 95 % as determined by SDS-PAGE; ≥ 95 % as determined by HPLC.

Calculated MW	Observed MW
36.77 kDa	37 kDa

Endotoxin

< 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.

Contact

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Background

Basic Information

Description

Recombinant Human Annexin A5/ANXA5 Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Met1-Asp320) of human Annexin A5/Annexin V/ANXA5 (Accession #NP_001145.1) fused with a 6×His tag at the C-terminus.

Bio-Activity

Measured by its binding ability in a functional ELISA. Immobilized Human Annexin A5 at 10 μg/mL (100 μL/well) can bind Human GSTO1 with a linear range of 0.15-3.16 μg/mL.

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

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.

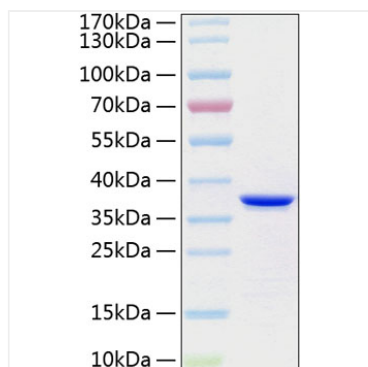
Avoid repeated freeze/thaw cycles.

Operational Notes

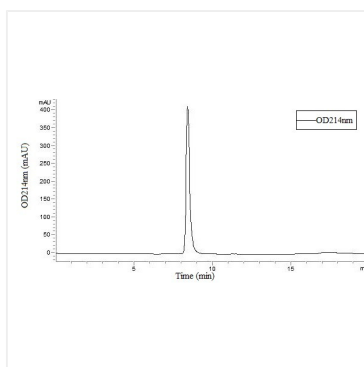
For your safety and health, please wear a lab coat and disposable gloves for handling.



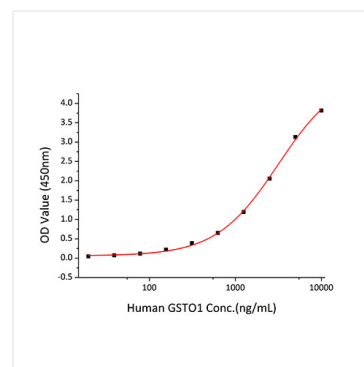
Validation Data



Recombinant Human Annexin A5/ANXA5 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



The purity of Recombinant Human Annexin A5/ANXA5 Protein is greater than 95% as determined by SEC-HPLC.



Immobilized recombinant Human Annexin A5 at 10 μ g/mL (100 μ L/well) can bind Human GSTO1 with a linear range of 0.15-3.16 μ g/mL.