Recombinant Human Annexin A5/ANXA5 Protein

Catalog No.: RP01180

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Sequence Information

Species
Human

Gene ID
308

Swiss Prot
P08758

Tags
C-His

Synonyms
ANX5, ENX2, HEL-S-7, PP4, RPRGL3,ANXA5,ENX2,HEL-S-7, PP4,RPRGL3

Product Information

Source
E. coli

Purification
≥ 95 % as determined by SDS-PAGE;≥ 95 % as determined by HPLC.

Calculated MW
36.77 kDa

Observed MW
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 stablizer (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 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.

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
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℃

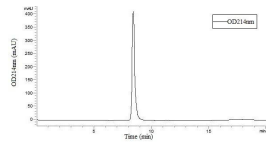
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

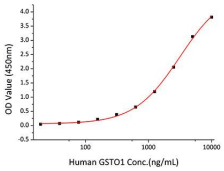
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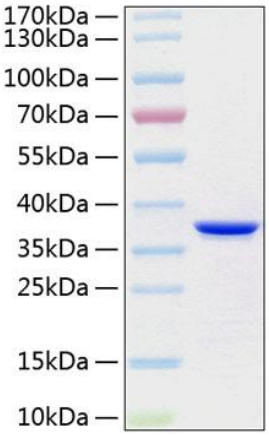
Validation Data



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



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



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