

# Human ANXA5 / Annexin V / Annexin A5 Protein

Catalog Number: 10448-HNAE



Sino Biological  
Biological Solution Specialist

## General Information

### Gene Name Synonym:

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

### Protein Construction:

A DNA sequence encoding the human ANXA5 (P08758) (Met 1-Asp 320) was expressed and purified.

**Source:** Human

**Expression Host:** E. coli

## QC Testing

**Purity:** ≥ 90 % as determined by SDS-PAGE. ≥ 90 % as determined by SEC-HPLC.

### Endotoxin:

Please contact us for more information.

### Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

**Predicted N terminal:** Met 1

### Molecular Mass:

The recombinant human ANXA5 consisting of 320 amino acids and has a calculated molecular mass of 35.9 kDa. It migrates as an 34 kDa band in SDS-PAGE under reducing conditions.

### Formulation:

Lyophilized from sterile 50mM Tris, 240mM NaCl, pH 8.5

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

## Usage Guide

### Storage:

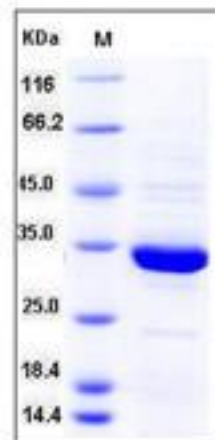
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

**Avoid repeated freeze-thaw cycles.**

### Reconstitution:

Detailed reconstitution instructions are sent along with the products.

## SDS-PAGE:



## References

- 1.Cederholm A, *et al.* (2007) Annexin A5 as a novel player in prevention of atherothrombosis in SLE and in the general population. *Ann N Y Acad Sci.* 1108: 96-103.
- 2.Schlaepfer DD, *et al.* (1992) Inhibition of Protein Kinase C by Annexin V. *Biochemistry.* 31: 1886-91.
- 3.Vermes I, *et al.* (1995) A novel assay for apoptosis-flow cytometric detection of phosphatidylserine expression on early apoptotic cells using fluorescein labelled Annexin V. *J Immunol Methods.* 184 (1): 39-51.

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For US Customer: Fax: 267-657-0217 • Tel: 215-583-7898

Global Customer: Fax :+86-10-5862-8288 • Tel:+86-400-890-9989 • <http://www.sinobiological.com>