

## Human Annexin V, His Tag, E. coli

<b>Catalog Number</b>	LDG058PHE
<b>Package</b>	5 µg / 20 µg / 100 µg / Customized package

For full product information, images and publications, please visit [our website](#).



### Specifications

#### Species of Origin

Human

#### Affinity Tag

His Tag (C-term)

#### Purity

>98% as determined by SDS-PAGE analysis.

#### Endotoxin level

<0.1 EU per 1 µg of the protein by the LAL method.

#### Expression system

Escherichia coli

#### Buffer

Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

#### Molecular weight

The protein has a calculated MW of 36.75 kDa. The protein migrates as 37 kDa under reducing condition (SDS-PAGE analysis).

#### Form

Lyophilized

### Background

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Annexin V predicts a molecular mass of 36.8 kDa. is commonly used to detect apoptotic cells by its ability to bind to phosphatidylserine, a marker of apoptosis when it is on the outer leaflet of the plasma membrane. Annexin V forms a shield around negatively charged phospholipid molecules. The formation of an annexin V shield blocks the entry of phospholipids into coagulation reactions.

#### Synonyms

Anchorin CII, Annexin V, Calphobindin I, CPB-I, Endonexin II, Lipocortin V, Placental anticoagulant protein 4, PP4, Placental anticoagulant protein I, PAP-I, Vascular anticoagulant-alpha, VAC-alpha

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**Uniprot ID**

#P08758

**Sequence Note**

Met1-Asp320

**Instruction**
**Reconstitution**

It is recommended to reconstitute the lyophilized protein in sterile H<sub>2</sub>O to a concentration of 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

**Stability & Storage**

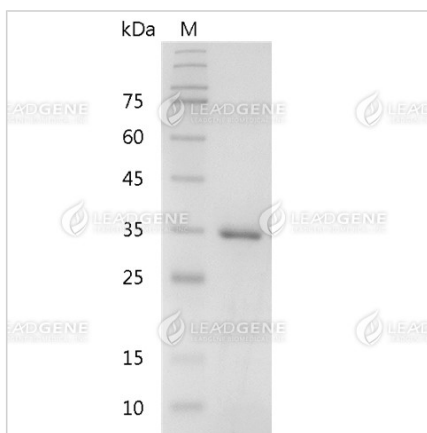
This product is stable after storage at:

- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 1 month under sterile conditions after reconstitution.

Avoid repeated freeze/thaw cycles.

**Shipping**

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

**Image**


SDS-PAGE analysis of recombinant human Annexin V.

**Disclaimer** : For Research Use or Further Manufacturing Only.

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