

## Recombinant Annexin V-EGFP Protein (His Tag)

Catalog No. PKSH500017

*Note:* Centrifuge before opening to ensure complete recovery of vial contents.

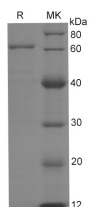
### Description

<b>Synonyms</b>	ANXA5, Annexin V, Unconjugated Annexin V, Annexin-5, Anchorin CII, Calphobindin I, Endonexin II, Lipocortin V, Placental anticoagulant protein 4, Placental anticoagulant protein I, Thromboplastin inhibitor, Vascular anticoagulant-alpha
<b>Species</b>	Human
<b>Expression Host</b>	E.coli
<b>Sequence</b>	Annexin V(1Met-320Asp)-(GGGGS)4-EGFP(1Met-239Lys)
<b>Accession</b>	P08758&C5MKY7
<b>Calculated Molecular Weight</b>	63.8 kDa
<b>Observed molecular weight</b>	62-70 kDa
<b>Tag</b>	N-His
<b>Bioactivity</b>	Testing in progress

### Properties

<b>Purity</b>	> 90 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	Please contact us for more information.
<b>Storage</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

### Data



> 90 % as determined by reducing SDS-PAGE.

### For Research Use Only

## Background

This protein is an anticoagulant protein that acts as an indirect inhibitor of the thromboplastin-specific complex, which is involved in the blood coagulation cascade.annexin A5,calcium and phospholipid binding protein,endonexin 2,placental protein 4,anchorin CII collagen receptor of chondrocytes,predominantly expressed in major constituent of growth plate chondrocytes,down-regulated in adult articular cartilage.EGFP can be used to detect apoptosis by flow cytometry or fluorescence microscopy.