

Annexin V, GST Tag, Human Recombinant

CATALOG NO:	P1472-100	100 µg
	P1472-1000	1 mg
	P1472-5000	5 mg
MOL. WT.	69.7 KDa (N-terminal GST-tag)	
SOURCE:	<i>E. coli</i>	
PURITY:	>90% SDS-PAGE	
FORM:	Lyophilized	
FORMULATION:	Lyophilized from 0.05 M Tris pH 8.0	
RECONSTITUTION:	Reconstitute in deionized water	
STORAGE CONDITIONS:	Store at 4°C. For long term storage, aliquot and store at -20°C.	

DESCRIPTION: Annexin V is a member of the annexin family of calcium and membrane-binding proteins that have anticoagulatory and anti-inflammatory properties. The encoded protein is 320 amino acid long and is folded into four domains, each having five α -helices, forming a superhelical globular structure. Annexins are a family of water-soluble proteins that bind to membranes and phospholipids in a calcium-dependent manner. They participate in several cellular functions, such as membrane fusion and cytoskeletal interaction. Annexin V is a potent anticoagulant and serves as a voltage-gated calcium channel when bound to membrane in vitro. It is found to inhibit phospholipase A2 and protein kinase C.

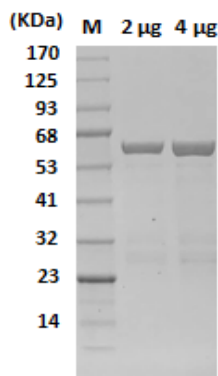


Fig. SDS-PAGE (4-20%) recombinant Annexin V, GST tag: Recombinant protein loaded under reducing conditions and stained with Coomassie Blue has an apparent MW that is lower than expected. Lane M-MW marker

RELATED PRODUCTS:

- Annexin V-FITC Apoptosis Kit Plus (K201)
- Annexin V, human recombinant (1005)
- Annexin V-Biotin Reagent (1003)
- Annexin V-PE Apoptosis Detection Kit (K128)
- Annexin V-PE-Cy5 Apoptosis Detection Kit (K129)
- Annexin V-PE-Cy5 Apoptosis Detection Kit (K129)

FOR RESEARCH USE ONLY! Not to be used on humans.