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Annexin V Protein (AA 1-320) (GST tag)



Overview

Quantity:	100 μg
Target:	Annexin V (ANXA5)
Protein Characteristics:	AA 1-320
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Annexin V protein is labelled with GST tag.

Product Details

Sequence:	Met 1-Asp 320
Characteristics:	A DNA sequence encoding the Human Annexin V protein (P08758) (Met 1-Asp 320) was expressed with N-GST tag.
Purity:	> 95 % as determined by reducing SDS-PAGE.

Target Details

Target:	Annexin V (ANXA5)
Alternative Name:	Annexin V (ANXA5 Products)
Background:	Abbreviation: Annexin V
	Target Synonym: 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

Target Details

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.

Molecular Weight:

Calculated MW: 60.09 kDa

Observed MW: 61 kDa

UniProt:

P08758

Pathways:

Apoptosis

Application Details

Restrictions:

For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	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.
Expiry Date:	12 months