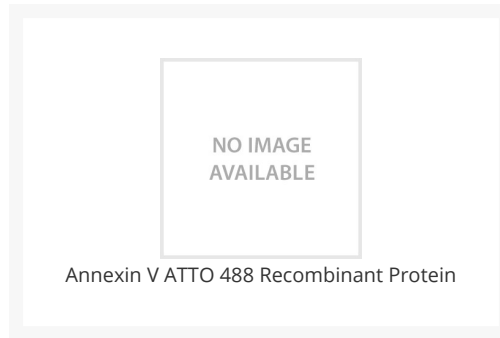




Annexin V ATTO 488 Recombinant Protein

Cat. No.: 90-219



Ψ Specifications

SPECIES:	Human
SOURCE SPECIES:	E. coli
SEQUENCE:	Recombinant human annexin V fused to a GST-tag.
FUSION TAG:	GST tag
TESTED APPLICATIONS:	
APPLICATIONS:	This recombinant proteins is for research use only.

Ψ Properties

PURITY:	>95% (SDS-PAGE)
PHYSICAL STATE:	Liquid
BUFFER:	In PBS, pH 7.4, containing 0.02% sodium azide.
STORAGE CONDITIONS:	Stable for at least 1 year after receipt when stored at +4 °C.

Ψ Additional Info

OFFICIAL SYMBOL:	ANXA5
ALTERNATE NAMES:	Annexin A5, Endonexin II, Lipocortin V, Placental Anticoagulant Protein I, Calphobindin I, Vascular Anticoagulant-alpha
ACCESSION NO.:	P08758
PROTEIN GI NO.:	113960
GENE ID:	308

Background and References

BACKGROUND:	<p>Annexin V is an anticoagulant protein that acts as an indirect inhibitor of the thromboplastin-specific complex, which is involved in the blood coagulation cascade. Annexin V competes for phosphatidylserine binding sites (e. g. platelets) with prothrombin or coagulation factors and inhibis the activity of phospholipase A1. Antibodies directed against annexin V are found in patients with a disease called the antiphospholipid syndrome(APS), a thrombophilic disease associated with autoantibodies against phospholipid compounds. Annexin V is used as a probe in the "annexin V affinity assay" to detect cells that have expressed phosphatidylserine on the cell surface, a feature found in apoptosis and other forms of cell death.</p>
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