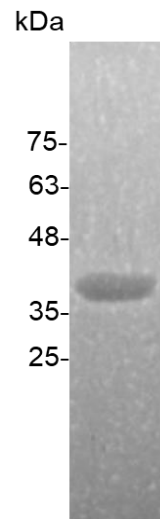


Catalog number	C01168-5UG / C01168-20UG / C01168-100UG
Package	5 µg / 20 µg / 100 µg
Description	Annexin V is a cellular protein in the annexin group. In flow experiment, annexin V is commonly used to detect apoptotic cells by its ability to bind to phosphatidylserine, a marker of apoptosis when it is on the outer leaflet of the plasma membrane. Annexin V has been proposed to play a role in the inhibition of blood coagulation by competing for phosphatidylserine binding sites with prothrombin and also to inhibit the activity of phospholipase A1.
Source	<i>Escherichia coli</i>
Sequence	MAQVLRGTVTDFPGFDERADAETLRKAMKGLGTDEESILTLTSTRSNAQRQEIS AAFKTLFGRDLLDDLKSELTGKFEKLIVALMKPSRLYDAYELKHALKGAGTNEK VLTEIIASRTPEELRAIKQVYEEYGGSSLEDDVVGDTSGYYQRMLVLLQANRD PDAGIDEAQVEQDAQALFQAGELKWGTDEEKFITIFGTRSVSHLRKVFDKYMTI SGFQIEETIDRETSNLEQLLLAVVKSIRSIPAYLAETLYYAMKGAGTDDHTLIRV MVSRSIDLFNIRKEFRKNFATSLYSMIKGDTSGDYKKALLLLCGEDD with polyhistidine tag at the C-terminus
Endotoxin level	<0.1 EU per 1 µg of the protein by the LAL method.
Purity	>98% as determined by SDS-PAGE.
Form	Lyophilized
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 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: <ul style="list-style-type: none"> • -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.



SDS-PAGE analysis of recombinant human Annexin V

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