

CHAMOT

Recombinant Annexin V, Human, Animal-Free

CM143-5HP

CM143-20HP

CM143-100HP

CM143-500HP

CM143-1000HP



CHAMOT

乔默®生物

Specialize In Cytokines



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Recombinant Annexin V, Human, Animal-Free

Catalog#	CM143-5HP	CM143-20HP	CM143-100HP	CM143-500HP	CM143-1000HP
Size	5 ug	20 ug	100 ug	500 ug	1 mg

Product Specifications

Background Annexin V predicts a molecular mass of 36.8 kDa. 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 forms a shield around negatively charged phospholipid molecules. The formation of an annexin V shield blocks the entry of phospholipids into coagulation reactions.

Synonyms ANXA5, ANX5, ENX2, HEL-S-7, PP4, RPRGL3

Uniprot ID P08758

Molecular Weight The protein has a calculated MW of 36.75 kDa. The protein migrates as 37 kDa under reducing condition (SDS-PAGE analysis).

Expression System Escherichia coli

Purity >98% as determined by SDS-PAGE.

Activity Testing in process

Endotoxin Level <0.1 EU per 1 µg of the protein by the LAL method.

Protein Sequence MAQVLRGTVTDFFPGFDERADAETLRKAMKGLGTDEESILTLLTSRSNAQRQEISAAFKTLFG RDLLDDLKSELTKGFEKLIVALMKPSRLYDAYELKHALKGAGTNEKVLTEIIASRTPEELRAIKQ VYEEYGGSSLEDDVVGDTSQYQYRMLVVLLQANRDPDAGIDEAQVEQDAQALFQAGELK WGTDEEKFITIFGTRSVSHLRKVFDKYMTISGFQIEETIDRETSGNLEQLLLAVVKSIRSIPAYLA ETLYYAMKGAGTDDHTLIRVMVSRSEIDLFNIRKEFRKNFATSLYSMIKGDTSQDYKKALLLC GEDD with polyhistidine tag at the C-terminus.

Form The protein was lyophilized from a 0.2 µm filtered solution containing 1X PBS, pH 7.4. If you have any concerns or special requirements, please confirm with us.

Application Cell Culture

Product Note

Centrifuge at 3000 rpm for 5 mins before opening. It is recommended to reconstitute the lyophilized protein in sterile H₂O to a concentration not less than 100 µg/mL and incubate the stock solution at room temperature for at least 20 mins to ensure sufficient re-dissolved. Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

Storage/Shipping

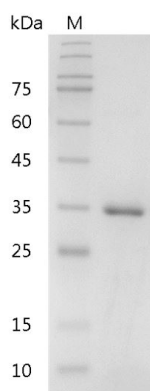
Stability & Storage

Lyophilized protein should be stored at -20°C for 1 year. Upon reconstitution, store at 2°C to 8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1% BSA, 10%FBS, 5%HSA or 5% trehalose solution), protein aliquots should be stored at -20°C or -80°C for 3-6 months. Avoid repeated freeze/thaw cycles.

Shipping

Blue Ice

Scientific Data



SDS- PAGE analysis of recombinant human Annexin V

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