

CHAMOT

**重组人Annexin V /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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重组人Annexin V /Recombinant Annexin V, Human, Animal-Free

产品编号	CM143-5HP	CM143-20HP	CM143-100HP	CM143-500HP	CM143-1000HP
规格	5 µg	20 µg	100 µg	500 µg	1 mg

产品简介

背景描述

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.

别称

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

蛋白编码

P08758

分子量

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

表达系统

Escherichia coli

纯度

>98% as determined by SDS-PAGE.

生物活性

Testing in process

内毒素检测

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

蛋白序列

MAQVLRGTVTDFFPGFDERADAETLRKAMKGLGTDEESILTLTSSRSNAQRQEISAAFKTLFGRD
LLDDLKSELTGKFEKLIVALMKPSRLYDAYELKHALKGAGTNEKVLTEIIASRTPEELRAIKQVYEEE
YGSSLEDDVVGDTSGYYQRMLVLLQANRDPDAGIDEAQVEQDAQALFQAGELKWGTDEEK
FITIFGTRSVSHLRKVFDKYMTISGFQIETIDRETSGNLEQLLLAVVKSIRSIPAYLAETLYAMKG
AGTDDHTLIRVMVSRSEIDLFNIRKEFRKNFATSLYSMIKGDTSGDYKKALLLLCGEDD with
polyhistidine tag at the C-terminus.

产品形式

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.

产品应用

Cell Culture

产品使用

1. Before opening, centrifuge at 3000 rpm for 5 mins.

2. Initial Reconstitution

- Reconstitute the Lyophilized Protein in sterile H₂O to a concentration of 100-200 µg/mL.
- Then, incubate it at room temperature for at least 20 mins to ensure sufficient dissolution.

Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

- Store at 2°C to 8°C for up to 1 week.

3. Extended Storage

- After the initial reconstitution, further dilute the reconstituted protein in a buffer containing a carrier protein or stabilizer (e.g., 0.1% BSA, 10% FBS, 5% HSA, or 5% trehalose solution). The final concentration is not less than 10 µg/mL.

- Prepare aliquots (≥20 µl).
- Store at -20°C or -80°C for 3 to 6 months.

Avoid repeated freeze-thaw cycles.

产品储存/运输

Lyophilized Protein: Store at -20°C for 1 year.

储存

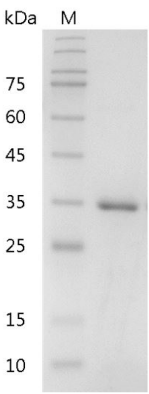
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

Extended Storage: Store at -20°C or -80°C for 3 to 6 months with a carrier protein or stabilizer.

运输

Blue Ice

实验数据展示



For Research Use or Further Manufacturing Only

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