

Datasheet for ABIN7273831  
**Annexin V Protein (AA 2-320)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µg
Target:	Annexin V (ANXA5)
Protein Characteristics:	AA 2-320
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

## Product Details

Purpose:	Human Annexin V/ANXA5 Protein
Sequence:	Ala2-Asp320
Characteristics:	Recombinant Human Annexin V/ANXA5 Protein is expressed from E.coli without tag.It contains Ala2-Asp320.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	Annexin V (ANXA5)
Alternative Name:	Annexin V ( <a href="#">ANXA5 Products</a> )
Background:	Propidium iodide (PI) is widely used in conjunction with Annexin V to determine if cells are

## Target Details

viable, apoptotic, or necrotic through differences in plasma membrane integrity and permeability. The Annexin V/PI protocol is a commonly used approach for studying apoptotic cells. PI is used more often than other nuclear stains because it is economical, stable and a good indicator of cell viability, based on its capacity to exclude dye in living cells.

Molecular Weight: 35.9 kDa same as Tris-Bis PAGE result.

UniProt: [P08758](#)

Pathways: [Apoptosis](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Liquid

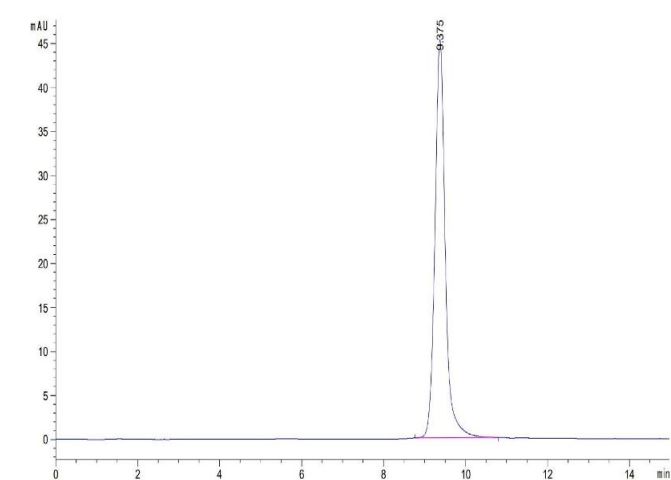
Buffer: Supplied as 0.22µm filtered solution in 50 mM Tris, 240 mM NaCl ( pH 8.5).

Storage: -80 °C

Storage Comment: Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

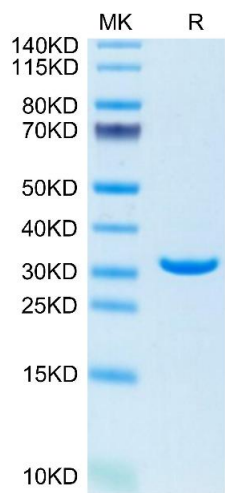
Expiry Date: 12 months

## Images



### Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 1.** The purity of Human Annexin V/ANXA5 is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

**Image 2.** Human Annexin V/ANXA5 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .