

Recombinant Annexin V-EGFP Protein (His Tag)

Catalog Number: PDEH100711

Note: Centrifuge before opening to ensure complete recovery of vial contents.

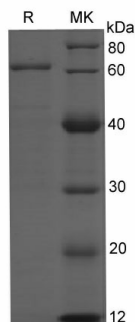
Description

Species	Human
Source	E.coli-derived Human Annexin V protein Annexin V(1Met-320Asp)-(GGGGS)4-EGFP(1Met-239Lys), with an N-terminal His
Calculated MW	63.8 kDa
Observed MW	62-70 kDa
Accession	P08758; C5MKY7
Bio-activity	Not validated for activity

Properties

Purity	> 90% as determined by reducing SDS-PAGE.
Endotoxin	< 10 EU/mg of the protein as determined by the LAL method
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis.

Data



> 90 % as determined by reducing SDS-PAGE.

Background

This protein is an anticoagulant protein that acts as an indirect inhibitor of the thromboplastin-specific complex, which is involved in the blood coagulation cascade. Annexin A5, calcium and phospholipid binding protein, endonexin 2, placental protein 4, anchorin CII collagen receptor of chondrocytes, predominantly expressed in major constituent of growth plate chondrocytes, down-regulated in adult articular cartilage. EGFP can be used to detect apoptosis by flow cytometry or fluorescence microscopy.

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