

Recombinant Human Annexin V/ANXA5/Annexin A5 Protein(His Tag)

Catalog Number: PDEH100672

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

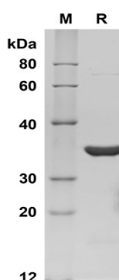
Description

Species	Human
Source	E.coli-derived Human Annexin V protein Met1-Asp320, with an N-terminal His
Calculated MW	35.9 kDa
Observed MW	36 kDa
Accession	P08758
Bio-activity	Not validated for activity

Properties

Purity	> 95% 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



SDS-PAGE analysis of Human Annexin V/ANXA5/Annexin A5 proteins, 2µg/lane of Recombinant Human Annexin V/ANXA5/Annexin A5 proteins was resolved with SDS-PAGE under reducing conditions, showing bands at 36 KD.

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.

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