

Recombinant Mouse Annexin V Protein (His Tag)

Catalog Number: PDEM100289

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

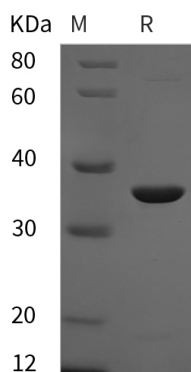
Description

Species	Mouse
Source	E.coli-derived Mouse Annexin V protein Met1-Asp320, with an N-terminal His
Calculated MW	35.1 kDa
Observed MW	35 kDa
Accession	P48036
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 Mouse Annexin V proteins, 2 µg/lane of Recombinant Mouse Annexin V proteins was resolved with SDS-PAGE under reducing conditions, showing bands at 35 kDa.

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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Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017