

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



Catalog Number:PDEH100010

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

Description

Synonyms	ANXA5;Annexin V;Unconjugated Annexin V;Annexin-5;Anchorin CII;Calphobindin I;Endonexin II;Lipocortin V;Placental anticoagulant protein 4;Placental anticoagulant protein I;Thromboplastin inhibitor;Vascular anticoagulant-alpha
Species	Human
Expression Host	E.coli
Sequence	Met 1-Asp 320
Accession	P08758
Calculated Molecular Weight	35.9 kDa
Observed molecular weight	38.2 kDa
Tag	N-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg 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 sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

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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