

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

Catalog No. PKSH033460

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

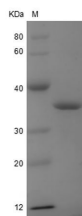
Description

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.

Data



> 95 % as determined by reducing SDS-PAGE.

For Research Use Only

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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