



Recombinant Protein Technical Manual

Recombinant Human Annexin V/ANXA5/Annexin A5 Protein; unconjugated(His Tag) RPES3659

Product Data:

Product SKU: RPES3659

Size: 50µg

Species: Human

Expression host: E. coli

Uniprot: P08758

Protein Information:

Molecular Mass: 35.9 kDa

AP Molecular Mass: 38.2 kDa

Tag: N-His

Bio-activity:

Purity: > 95 % as determined by SDS-PAGE.

Endotoxin: < 1.0 EU per g as determined by the LAL method.

Storage: 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.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

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

Immunogen Information:

Sequence: Met 1-Asp 320

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.