

## ANXA5 Sf9 Human

**Description:** ANXA5 Sf9 is a full-length cDNA coding for the human Annexin V protein having a molecular mass of 37,049 Dalton (pH 5.3). ANXA5 Sf9 protein is fused to a hexa-histidine purification tag.

Catalog #: PRPS-144

For research use only.

**Synonyms:** PP4, ANX5, ENX2, ANXA5, Annexin A5, Annexin-5, Annexin V, Lipocortin V, Endonexin II, Calphobindin I, CBP-I, Placental anticoagulant protein I, PAP-I, Placental anticoagulant protein 4, Thromboplastin inhibitor, Vascular anticoagulant-alpha, VAC-alpha, An

**Source:** Sf9 insect cells.

**Purity:** Greater than 80% as determined by SDS-PAGE.

**Formulation:**

ANXA5 Sf9 (1.33mg/ml) is supplied in 20mM HEPES buffer pH-7.5, 250mM NaCl and 20% Glycerol.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Applications:**

Western blot with monoclonal anti-Annexin V antibodies or monoclonal anti-hexa-His-tag antibody.

**Introduction:**

ANXA5 is a member of the annexin family of calcium-dependent phospholipid binding proteins which are involved in membrane-related activity along exocytotic and endocytotic pathways. ANXA5 is a phospholipase A2 and protein kinase C inhibitory protein with calcium channel properties and takes part in cellular signal transduction, inflammation, growth and differentiation. ANXA5 is an anticoagulant protein that acts as an indirect inhibitor of the thromboplastin-specific complex, which is involved in the blood coagulation cascade. ANXA5 regulates coagulability in the blood stream by binding to phosphatidylserine and sulfatide. ANXA5 protects sinusoidal endothelial cells from ischemia reperfusion damage. ANXA5 is necessary for normal CFTR chloride channel activity.

**Storage:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.

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