9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

ANXA5 Mouse

Annexin A5 Mouse Recombinant
RCP0072

Product Overview

Name	ANXA5 Mouse
Description	
Annexin A5 Mouse Recombinant	
Accession (Primary)	P48036
Synonyms	
Annexin A5, ENX2, Placental Anticoagulant Protein 4, Placental Anticoagulant Protein I, Vascular Anticoagulant-Alpha, Thromboplastin Inhibitor, Calphobindin I, Anchorin CII, Endonexin II, Lipocortin V, Annexin V, Annexin-5, VAC-Alpha, RPRGL3, CBP-I, PAP-I, ANX5, PP4, Epididymis Secretory Protein Li 7, HEL-S-7.	
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 sinsuoidal endothelial cells from ischemia reperfusion damage. ANXA5 is necessary for normal CFTR chloride channel activity.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
ANXA5 protein solution (1mg/ml) containing Phosphate Buffered Saline, 10% glycerol and 1mM DTT.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	

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MGSSHHHHHH SSGLVPRGSP MGS MATRGTV TDFPGFDGRA DAEVLRKAMK GLGTDEDSIL NLLTSRSNAQ RQEIAQEFKT LFGRDLVDDL KSELTGKFEK LIVAMMKPSR LYDAYELKHA LKGAGTDEKV LTEIIASRTP EELSAIKQVY EEEYGSNLED DVVGDTSGYY QRMLVVLLQA NRDPDTAIDD AQVELDAQAL FQAGELKWGT DEEKFITIFG TRSVSHLRRV FDKYMTISGF QIEETIDRET SGNLEQLLLA VVKSIRSIPA YLAETLYYAM KGAGTDDHTL IRVVVSRSEI DLFNIRKEFR KNFATSLYSM IKGDTSGDYK KALLLLCGGE DD.

Precautions

ANXA5 Mouse is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P48036)