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

ANXA1 Mouse

Annexin A1 Mouse Recombinant
RCP0062

Product Overview

Name	ANXA1 Mouse
Description	
Annexin A1 Mouse Recombinant	
Accession (Primary)	P10107
Synonyms	
Annexin A1, Annexin I, Annexin-1, Calpactin II, Calpactin-2, Chromobindin-9, Lipocortin I, Phospholipase A2 inhibitory protein, p35.	
Introduction	
ANXA1 is part of the family of Ca(2+)-dependent phospholipid binding proteins which have a Mw between 35kDa-40kDa and are situated on the cytosolic face of the plasma membrane. ANXA1 protein has a Mw of 40kDa, with phospholipase A2 inhibitory activity to bind from two to four calcium ions with high affinity. Since phospholipase A2 is necessary for the biosynthesis of the potent mediators of inflammation, prostaglandins and leukotrienes, ANXA1 might have potential anti-inflammatory activity. ANXA1 promotes membrane fusion and iplays a role in exocytosis. The recognition of ANXA1 protein by immunocytochemical leads a simple, highly sensitive and specific assay for diagnosis of hairy cell leukemia.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
ANXA1 protein solution (1mg/ml) containing Phosphate buffered saline (pH7.4), 20% 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	
MGSSHHHHHH SSGLVPRGSH MGS MAMVSEF LKQARFLENQ EQEYVQAVKS YKGGPGSAVS PYPSFNVSSD	

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VAALHKAIMV KGVDEATIID ILTKRTNAQR QQIKAAYLQE NGKPLDEVLR KALTGHLEEV VLAMLKTPAQ FDADELRGAM KGLGTDEDTL IEILTTRSNE QIREINRVYR EELKRDLAKD ITSDTSGDFR KALLALAKGD RCQDLSVNQD LADTDARALY EAGERRKGTD VNVFTTILTS RSFPHLRRVF QNYGKYSQHD MNKALDLELK GDIEKCLTTI VKCATSTPAF FAEKLYEAMK GAGTRHKALI RIMVSRSEID MNEIKVFYQK KYGISLCQAI LDETKGDYEK ILVALCGGN.

Precautions

ANXA1 Mouse is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P10107)