Creative Enzymes®

Native Human Annexin A3

Cat. No. NATE-1596

Lot. No. (See product label)

Introduction

Description	Annexins form a family of proteins that bind phospholipids in a calcium dependent manner with repeats of 70-80 amino acid domains that are highly conserved, with the different properties being conferred by the variable N-termini. Annexin III is expressed in differentiated cells of myeloid lineage which is expressed less ubiquitously than Annexin V. Annexin III associates with cytoplasmic granules in both neutrophils and monocytes and it is suggested to be enzymatically active. It is thought to have prognostic value in a number of cancers including colorectal and upper tract urethral carcinoma. It may also play a specific role as a non-invasive marker for early detection of prostate cancer.
Applications	Annexin A3 levels have been reported to be of clinical significance in prostate cancer, upper tract urethral carcinoma, colorectal cancer, breast cancer and lung adenocarcinoma.
Synonyms	Annexin III; Annexin-3, 35-alpha calcimedin; inositol 1,2-cyclic phosphate 2-phosphohydrolase; Lipocortin III; Placental anticoagulent protein III; PAP-III

Product Information

Species	Human
Source	Human Neutrophils
Molecular Weight	36 kDa
Purity	>90% by SDS-polyacrylamide electrophoresis, Purified using conventional chromatography procedures