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Product Information

MemDX™ Membrane Protein Human ANXA2 (Annexin A2) with N-GST tag for Antibody Discovery

Cat. No.: **MP1399J**
This product is for research use only and is not intended for diagnostic use.

This product is a 65.5 kDa Human ANXA2 membrane protein expressed in E.coli. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species
Human

Target Protein
ANXA2

Protein Length
Partial (2-339aa)

Protein Class
Ion Channel

Molecular Weight
65.5 kDa

Sequence
STVHEILCKLSLEGDHSTPPSAYGSVKAYTNFDAERDALNIETAIKTKGVDEVTIVNILTNRSNAQRQDIAFAYQRRTKKELASALKSA

Product Description

Expression Systems
E.coli

Tag
N-GST

Form
Liquid or Lyophilized powder

Reconstitution
Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration).

Purity

>90% as determined by SDS-PAGE

Buffer

Liquid: Tris/PBS-based buffer, 5%-50% glycerol
Lyophilized powder: Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Store at +4°C for up to one week or several months at -80°C

Target

Target Protein

ANXA2

Full Name

Annexin A2

Introduction

This gene encodes a member of the annexin family. Members of this calcium-dependent phospholipid-binding protein family play a role in the regulation of cellular growth and in signal transduction pathways. This protein functions as an autocrine factor which heightens osteoclast formation and bone resorption. This gene has three pseudogenes located on chromosomes 4, 9 and 10, respectively. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. Annexin A2 expression has been found to correlate with resistance to treatment against various cancer forms.

Alternative Names

Annexin A2; Annexin II; Annexin II; heavy chain; Annexin-2; ANX 2; ANX2; ANX2L4; ANXA2; ANXA2_HUMAN; arylsulfatase B; CAL1H; Calpactin I heavy chain; calpactin I heavy polypeptide (p36); Calpactin I heavy polypeptide; Calpactin-1 heavy chain; chromobindin 8; Chromobindin-8; Epididymis secretory protein Li 270; HEL S 270; LIP2; Lipocortin II; LPC2; LPC2D; p36; P36 protein; PAP-IV; Placental anticoagulant protein IV; Protein I

Gene ID

302

UniProt ID

P07355