

Recombinant Human ANXA3

Cat. No. ANXA3-26596TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Annexin A3; amino acids 1-323, 323 amino acids, MWt 36.3 kDa.
Species	Human
Source	E.coli
ProteinLength	1-323 a.a.
Description	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 in the inhibition of phospholipase A2 and cleavage of inositol 1,2-cyclic phosphate to form inositol 1-phosphate. This protein may also play a role in anti-coagulation.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 10% Glycerol, 20mM Tris HCl, 1mM DTT, pH 7.5
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino	MASIWVGHRG TVRDYPDFSP SVDAEAIQKA IRGIGTDEKM LISILTERSN

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

acids

AQRQLIVKEY QAAYGKELKD DLKGDLSGHF EHLMVALVTP PAVFDAKQLK
 KSMKGAGTNE DALIEILTTR TSRQMKDISQ AYYTVYKKSL GDDISSETSG
 DFRKALLTLA DGRRDESLKV DEHLAKQDAQ ILYKAGENRW GTDEDKFTEI
 LCLRSFPQLK LTFDEYRNIS QKDIVDSIKG ELSGHFEDLL LAIVNCVRNT
 PAFLAERLHR ALKGIGTDEF TLNRIMVSRS EIDLLDIRTE FKKHYGYSLY
 SAIKSDTSGD YEITLLKICG GDD

Sequence
Similarities

Belongs to the annexin family.Contains 4 annexin repeats.

Full Length

Full L.

GENE INFORMATION

Gene Name

ANXA3 annexin A3 [Homo sapiens]

Official Symbol

ANXA3

Synonyms

ANXA3; annexin A3; ANX3;

Gene ID

306

mRNA Refseq

NM_005139

Protein Refseq

NP_005130

MIM

106490

Uniprot ID

P12429

Chromosome
Location

4q21.21

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Pathway	Prostaglandin Synthesis and Regulation, organism-specific biosystem;
Function	calcium ion binding; calcium-dependent phospholipid binding; phospholipase A2 inhibitor activity;

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