

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	MASIWVGHARG TVRDYPDFSP SVDAEAIQKA IRGIGTDEKM LISILTERSN

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acids

AQRQLIVKEY QAAYGKELKD DLKGDLSGHF EHLMVALVTP PAVFDAKQLK
 KSMKGAGTNE DALIEILTTR TSRQMKDISQ AYYTVYKKS L 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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