

Recombinant Human Annexin A3

Cat. No. ANXA3-1834H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human ANXA3 was expressed in <i>E.coli</i> and purified by using conventional chromatography techniques. MW = 36.3 kDa (323aa).
Species	Human
Source	E.coli
Description	Annexin A3, also known as ANXA3, belong to the calcium dependent phospholipid binding protein family which 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 phosphates to form inositol 1 phosphate. It has been reported for the signaling cascade in rat liver regeneration.
Form	Liquid. In 20mM Tris-HCl buffer (pH7.5) containing 1mM DTT, 10% glycerol.
Purity	> 90% by SDS – PAGE.
Concentration	1 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MASIWVGHRG TVRDYPDFSP SVDAEAIQKA IRGIGTDEKM LISILTERSN AQRQLIVKEY QAAYGKELKD DLKGDLSGHF EHLMVALVTPPAVFDKQLK KSMKGAGTNE DALIEILTTR TSRQMKDISQ AYYTVYKKS L GDDISSETSG DFRKALLTLA DGRRDESLKV DEHLAKQDAQILYKAGENRW GTDEDKFTEI LCLRSFPQLK LTFDEYRNIS QKDIVDSIKG ELSGHFEDLL LAIVNCVRNT PAFLAERLHR ALKGIGTDEFTLNRIMVSRS EIDLLDIRTE FKKHYGYSLY

 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

SAIKSDTSGD YEITLLKICG GDD.

Storage

can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name

[ANXA3 annexin A3 \[Homo sapiens \]](#)

Synonyms

annexin A3; ANX3; ANXA3; PAP-III; annexin-3; lipocortin III; 35-alpha calcimedlin; calcimedlin 35-alpha; Annexin III (lipocortin III); placental anticoagulant protein III; inositol 1,2-cyclic phosphate 2-phosphohydrolase; annexin III (lipocortin III, 1,2-cyclic-inositol-phosphate phosphodiesterase, placental anticoagulant protein III, calcimedlin 35-alpha);Placental anticoagulant protein III; Lipocortin III; Annexin-3; Annexin III

Gene ID

[306](#)

mRNA Refseq

[NM_005139](#)

Protein Refseq

[NP_005130](#)

MIM

[106490](#)

UniProt ID

[P12429](#)

Chromosome Location

4q13-q22

Function

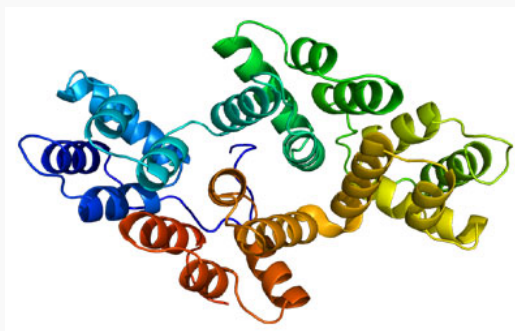
calcium ion binding; calcium-dependent phospholipid binding; phospholipase A2 inhibitor activity

 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

PDB rendering based
on 1aii



 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