

Recombinant Human ANXA3 Protein, His-tagged

Cat. No. ANXA3-001H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ANXA3 Protein 1-323 aa (full-length) with a 6xHis tag was expressed in E.coli.
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.
Molecular Mass	39.5 kDa
Purity	>95% confirmed by 10% SDS-PAGE stained with Coomassie Blue (CB), immunoblotting with anti-6xHis monoclonal (WB).
Applications	ELISA, WB, Antibody Production, Protein array
Quality Control Test	10% SDS-PAGE stained with Coomassie Blue (CB), immunoblotting with anti-6xHis monoclonal and peptide fingerprinting by MALDI-TOF mass spectrometry.

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Storage	Store working aliquots at 4 centigrade for up to one week. For extended storage, conserve at -80 centigrade.
Expiry	12 months from the date of purchase, if it is properly stored.
Storage Buffer	20mM Tris-HCl, 0.5M NaCl, 1 mM 2-mercaptoethanol, 0.2M Imidazole, pH:8.0. No preservatives added.
Shipping	Dry Ice

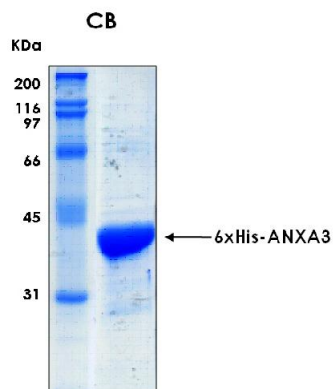
GENE INFORMATION

Gene Name	ANXA3 annexin A3 [Homo sapiens (human)]
Official Symbol	ANXA3
Synonyms	ANXA3; annexin A3; ANX3; annexin A3; 35-alpha calcimedlin; Annexin III (lipocortin III); PAP-III; annexin III (lipocortin III, 1,2-cyclic-inositol-phosphate phosphodiesterase, placental anticoagulant protein III, calcimedlin 35-alpha); annexin-3; calcimedlin 35-alpha; inositol 1,2-cyclic phosphate 2-phosphohydrolase; lipocortin III; placental anticoagulant protein III; EC 3.1.4.43
Gene ID	306
mRNA Refseq	NM_005139
Protein Refseq	NP_005130
MIM	106490
UniProt ID	P12429

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