

Recombinant Human ANXA1 Protein

Cat. No. ANXA1-004H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ANXA1 protein without tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	346
Description	This gene encodes a membrane-localized protein that binds phospholipids. This protein inhibits phospholipase A2 and has anti-inflammatory activity. Loss of function or expression of this gene has been detected in multiple tumors.
Form	Solution
Molecular Mass	38.7 kDa
AA Sequence	MAMVSEFLKQAWFIENEEQEYVQTVKSSKGGPGSAVSPYPTFNPSSDVAALHKAIM VKGVDIATIIDILTKRNNAQRQQIKAAYLQETGKPLDETLLKALTGHLEEVVLALLKTP AQFDADELRAAMKGLGTDEDTLIEILASRTNKEIRDINRVYREELKRDLAKDITSDTSG DFRNALLSLAKGDRSEDFGVNEDLADSDARALYEAGERRKGTDVNVFNTILTTRSYP QLRRVFQKYTKYSKHD MNKVL DLELKGDI EKCLTAIVKCATSKPAFFAEKLHQAMKG VGTRHKALIRIMVSRSEIDMNDIKAFYQKMYGISLCQAILDETKGDY EKILVALCGGN
Purity	> 95%

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Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	4°C
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	ANXA1 annexin A1 [Homo sapiens (human)]
Official Symbol	ANXA1
Synonyms	ANXA1; annexin A1; ANX1, LPC1; p35; annexin-1; calpactin-2; calpactin II; lipocortin I; chromobindin-9; annexin I (lipocortin I); phospholipase A2 inhibitory protein; ANX1; LPC1;
Gene ID	301
mRNA Refseq	NM_000700

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Protein Refseq	NP_000691
MIM	151690
UniProt ID	P04083

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