

Active Recombinant Human ANXA2 Protein, His-tagged

Cat. No. ANXA2-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ANXA2 Protein 1-346 aa (full-length) with a 6xHis tag was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-346 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 as an autocrine factor which heightens osteoclast formation and bone resorption. This gene has three pseudogenes located on chromosomes 4, 9 and 10, respectively. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. Annexin A2 expression has been found to correlate with resistance to treatment against various cancer forms.
Bio-activity	Active
Molecular Mass	41.3 kDa
Purity	>95% confirmed by 10% SDS-PAGE stained with Coomassie Blue (CB), immunoblotting with anti-6xHis (WB).

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Applications	ELISA, WB, Antibody Production, Protein array
Quality Control Test	10% SDS-PAGE stained with Coomassie Blue (CB), immunoblotting with anti-6xHis (WB) serum and peptide fingerprinting by MALDI-TOF-TOF mass spectrometry.
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	Phosphate-Buffered Saline (PBS), pH 7.4. No preservatives added.
Shipping	Dry Ice

GENE INFORMATION

Gene Name	ANXA2 annexin A2 [Homo sapiens (human)]
Official Symbol	ANXA2
Synonyms	ANXA2; annexin A2; P36; ANX2; LIP2; LPC2; CAL1H; LPC2D; ANX2L4; PAP-IV; HEL-S-270; annexin A2; annexin II; annexin-2; calpactin I heavy chain; calpactin I heavy polypeptide; calpactin-1 heavy chain; chromobindin 8; epididymis secretory protein Li 270; epididymis secretory sperm binding protein; lipocortin II; placental anticoagulant protein IV; protein I
Gene ID	302
mRNA Refseq	NM_001002857
Protein Refseq	NP_001002857

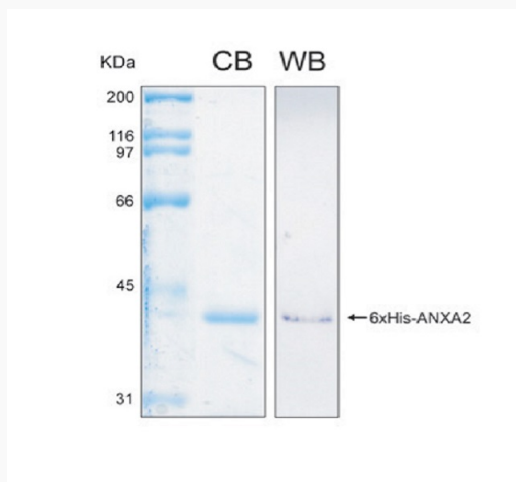
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