Recombinant Human ANXA2 Protein, Flag-tagged

Cat. No. ANXA2-356H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ANXA2 Protein (Transcript Variant 1) is produced by HEK293T expression system. This protein is fused with a Flag tag.
Species	Human
Source	HEK293
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.
Form	PBS buffer
Molecular Mass	40 kDa
AA Sequence	MGRQLAGCGDAGKKASFKMSTVHEILCKLSLEGDHSTPPSAYGSVKAYTNFDAERD ALNIETAIKTKGVDEVTIVNILTNRSNAQRQDIAFAYQRRTKKELASALKSALSGHLET VILGLLKTPAQYDASELKASMKGLGTDEDSLIEIICSRTNQELQEINRVYKEMYKTDLE KDIISDTSGDFRKLMVALAKGRRAEDGSVIDYELIDQDARDLYDAGVKRKGTDVPKW ISIMTERSVPHLQKVFDRYKSYSPYDMLESIRKEVKGDLENAFLNLVQCIQNKPLYFA DRLYDSMKGKGTRDKVLIRIMVSRSEVDMLKIRSEFKRKYGKSLYYYIQQDTKGDYQ

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	KALLYLCGGDDTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

GENE INFORMATION

Gene Name	ANXA2 annexin A2 [Homo sapiens]
Official Symbol	ANXA2
Synonyms	ANXA2; annexin A2; ANX2, ANX2L4, CAL1H, LPC2D; annexin II; LIP2; annexin-2; P36; ANX2; LPC2; CAL1H; LPC2D; ANX2L4; PAP-IV;
Gene ID	302
mRNA Refseq	NM_001002857
Protein Refseq	NP_001002857
MIM	151740
UniProt ID	P07355

Purified recombinant protein ANXA2 was analyzed by SDS-PAGE gel and Coomossie Blue Staining.

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