# Recombinant Human ANXA2 Protein, Flag-tagged

**Cat. No.** ANXA2-357H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human ANXA2 Protein (Transcript Variant 2) 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** | 38 kDa |
| **AA Sequence** | MSTVHEILCKLSLEGDHSTPPSAYGSVKAYTNFDAERDALNIETAIKTKGVDEVTIVNI LTNRSNAQRQDIAFAYQRRTKKELASALKSALSGHLETVILGLLKTPAQYDASELKAS MKGLGTDEDSLIEIICSRTNQELQEINRVYKEMYKTDLEKDIISDTSGDFRKLMVALAK GRRAEDGSVIDYELIDQDARDLYDAGVKRKGTDVPKWISIMTERSVPHLQKVFDRYK SYSPYDMLESIRKEVKGDLENAFLNLVQCIQNKPLYFADRLYDSMKGKGTRDKVLIRI MASRSEVDMLKIRSEFKRKYGKSLYYYIQQDTKGDYQKALLYLCGGDDTRTRPLEQ |

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| | KLISEEDLAANDILDYKDDDDKV |
| **Purity** | > 80% as determined by SDS-PAGE and Coomassie blue staining |

## GENE INFORMATION

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| **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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