

Recombinant Human ANXA2, His-tagged

Cat. No. ANXA2-26598TH Lot. No. (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant full length Human Annexin II with 6x His tag; 361 amino acids with tag, MWt 41.3kDa. |
| Species | Human |
| Source | E.coli |
| 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. |
| Conjugation | HIS |
| Form | Liquid |
| Storage buffer | Preservative: 100mM Imidazole Constituents: 0.5M Sodium chloride, 20mM Tris HCl, 1mM Beta mercaptoethanol, pH 8.0 |
| Storage | Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles. |

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|------------------------------|---|
| Sequence Similarities | Belongs to the annexin family.Contains 4 annexin repeats. |
| Full Length | Full L. |
| GENE INFORMATION | |
| Gene Name | ANXA2 annexin A2 [Homo sapiens] |
| Official Symbol | ANXA2 |
| Synonyms | ANXA2; annexin A2; ANX2, ANX2L4, CAL1H, LPC2D; LIP2; |
| Gene ID | 302 |
| mRNA Refseq | NM_001002857 |
| Protein Refseq | NP_001002857 |
| MIM | 151740 |
| Uniprot ID | P07355 |
| Chromosome Location | 15q22.2 |
| Pathway | Prostaglandin Synthesis and Regulation, organism-specific biosystem; |
| Function | Rab GTPase binding; calcium ion binding; calcium-dependent phospholipid binding; cytoskeletal protein binding; phosphatidylinositol-4,5-bisphosphate binding; |

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