

# Recombinant Full Length Human ANXA2 Protein, GST-tagged

**Cat. No.** ANXA2-1041HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human ANXA2 full-length ORF ( AAH09564.1, 1 a.a. - 339 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	339 amino acids
<b>Description</b>	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. [provided by RefSeq, Jul 2008]
<b>Molecular Mass</b>	63.03 kDa
<b>AA Sequence</b>	MFTVHEILCK LSLEGDHSTP PSAYGSVKAY TNFDAERDAL NIETAIKTKG VDEVTIVNIL TNRSNAQRQD IAFAYQRRRK KELASALKSA LSGHLETLIL GLLKTPAQYD ASELKASMKG LGTDEDSLIE IICSRNQL QEINRVYKEM YKTDLEKDII SDTSGDFRKL MVALAKGRRR EDGSVIDYEL IDQDARDLYD AGVKRKGTDV PKWISIMTER SVPHLQKVFD RYKSYSPYDM LESIRKEVKG DLENAFLNLV QCIQNKPLYF ADRLYDSMKG KGTRDKVLIR IMVSRSEVDM

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LKIRSEFKRK YGKSLYYYIQ QDTKGDYQKA LLYLCGGDD

**Applications**

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);  
Antibody Production; Protein Array

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## 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;  
protein I; lipocortin II; chromobindin 8; chromobindin-8; calpactin I heavy chain;  
calpactin-1 heavy chain; calpactin I heavy polypeptide; placental anticoagulant protein  
IV; P36; ANX2; LPC2; CAL1H; LPC2D; ANX2L4; PAP-IV

**Gene ID**

[302](#)

**mRNA Refseq**

[NM\\_001002857](#)

**Protein Refseq**

[NP\\_001002857](#)

**MIM**

[151740](#)

**UniProt ID**

[P07355](#)

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