

Recombinant Full Length Human ANXA2 Protein, GST-tagged

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

SPECIFICATION

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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