

Product datasheet for **TP750206**

Annexin A2 (ANXA2) (NM_001002857) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human annexin A2 (ANXA2), full length, tag free, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MSTVHEILCK LSLEGDHSTP PSAYGSVKAY TNFDAERDAL NIETAIKTKG VDEVTIVNIL TNRSNAQRQD IAFAYQRRTK KELASALKSA LSGHLETVIL GLLKTPAQYD ASELKASMKG LGTDEDSLIE IICSRTNQEL QEINRVYKEM YKTDLEKDII SDTSGDFRKL MVALAKGRRR EDGSVIDYEL IDQDARDLYD AGVKRKGTDV PKWISIMTER SVPHLQKVFD RYKSYSPYDM LESIRKEVKG DLEN AFLNLV QCIQNKPLYF ADRLYDSMKG KGTRDKVLIR IMVSRSEVDM LKIRSEFKRK YGKSLYYYIQ QDTKGDYQKA LLYLCGGDD
Tag:	Tag Free
Predicted MW:	38.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 90% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 500 mM NaCl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001002857
Locus ID:	302
UniProt ID:	P07355 , A0A024R5Z7
Cytogenetics:	15q22.2
Synonyms:	ANX2; ANX2L4; CAL1H; HEL-S-270; LIP2; LPC2; LPC2D; P36; PAP-IV



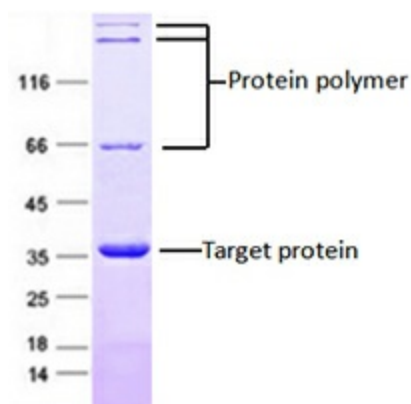
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Summary:

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. Annexin A2 expression has been found to correlate with resistance to treatment against various cancer forms. [provided by RefSeq, Dec 2019]

Protein Families:

Druggable Genome, Secreted Protein, Stem cell - Pluripotency

Product images:

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