

## Product datasheet for **TP304988M**

### Annexin A2 (ANXA2) (NM\_004039) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human annexin A2 (ANXA2), transcript variant 3, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204988 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MSTVHEILCKLSLEGDHSTPPSAYGSVKAYTNFDAERDALNIETAIKTKGVDEVTIVNILTNRNSNAQRQD  
IAFAYQRRTKKELASALKSALSGLHLETVILGLLKTPAQYDASELKASMKGLGTDEDSLIEIICSRTNQEL  
QEINRVYKEMYKTDLEKDIISDTSGDFRKLMLVALAKGRRRAEDGSVIDYELIDQDARDLYDAGVKKRKGTDV  
PKWISIMTERSVPFLQKVFDRYKSYSPYDMLSESIRKEVKGDLENAFLNLVQCIQNKPLYFADRLYDSMKG  
KGTRDKVLIRIMVSRSEVDMLKIRSEFKRKYGKSLYYYIQDQTKGDYQKALLYLCGGDD

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	38.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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:	<u><a href="#">NP_004030</a></u>
Locus ID:	302



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UniProt ID: [P07355](#), [A0A024R5Z7](#)

RefSeq Size: 1563

Cytogenetics: 15q22.2

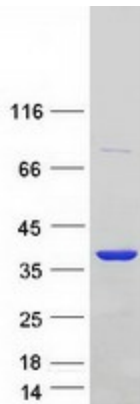
RefSeq ORF: 1017

Synonyms: ANX2; ANX2L4; CAL1H; HEL-S-270; LIP2; LPC2; LPC2D; P36; PAP-IV

**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:



Coomassie blue staining of purified ANXA2 protein (Cat# [TP304988]). The protein was produced from HEK293T cells transfected with ANXA2 cDNA clone (Cat# [RC204988]) using MegaTran 2.0 (Cat# [TT210002]).