

## Annexin A2 Human

<b>Item Number</b>	rAP-2789
<b>Synonyms</b>	ANX2, ANX2L4, CAL1H, LIP2, LPC2, LPC2D, P36, PAP-IV, ANXA2, Annexin A2, Annexin-2, Annexin II, Lipocortin II, Calpactin-1 heavy chain, Calpactin I heavy chain, Chromobindin-8, p36, Protein I, Placental anticoagulant protein IV.
<b>Description</b>	The Human Annexin A2 produced from Human Adipose Tissue has a molecular mass of 38.472kDa (calculated without glycosylation) containing 338 amino acid residues.
<b>Uniprot Accesion Number</b>	P07355
<b>Amino Acid Sequence</b>	STVHEILCKL SLEGDHSTPP SAYGSVKAYT NFDAERDALN IETAIKTKGV DEVTIVNILT NRSNAQRQDI AFAYQRRTKK ELASALKSAL SGHLETVILG LLKTPAQYDA SELKASMKGL GTDEDSLIEI ICSRTNQELQ EINRVYKEMY KTDLEKDIIS DTSGDFRKLK VALAKGRRAE DGSVIDYELI DQDARDLYDA GVKRKGTDVP KWISIMTERS VPHLQKVFDR YKSYSPYDML ESIRKEVKGD LENAFLNLVQ CIQNKPLY-FA DRLYDSMKGK GTRDKVLIRI MVSRSSEVDML KIRSEFKRKY GKSLYYYIQQ DTKGDYQKAL LYLCGGDD.
<b>Source</b>	Human Adipose Tissue.
<b>Physical Appearance and Stability</b>	Filtered White lyophilized (freeze-dried) powder. Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
<b>Formulation and Purity</b>	ANXA2 protein filtered (0.4µm) and lyophilized in 0.5mg/ml in 0.05M phosphate buffer, 0.075M NaCl and pH 6.5. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	It is recommended to add deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**