

## Annexin A2 Human Recombinant

<b>Item Number</b>	rAP-2801
<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>	ANXA2 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 376 amino acids (1-339a.a.) and having a molecular mass of 42.8 kDa. ANXA2 is fused to a 37 amino acid His-Tag at N-Terminus and purified by proprietary chromatographic
<b>Uniprot Accesion Number</b>	P07355
<b>Amino Acid Sequence</b>	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMST VHEILCKLSL EGDHSTPPSA YGSV-KAYTNF DAERDALNIE TAIKTKGVDE VTIVNILTNR SNAQRQDIAF AYQRRTKKEL ASALKSALSG HLETVILGLL KTPAQYDASE LKASMKGLGT DEDSLIEIC SRTNQELQEI NRVYKEMYKT DLEKDIISDT SGDFRKL MVA LAKGRRAEDG SVIDYELIDQ DARDLYDAGV KRKGT DVPKW ISIMTERSVP HLQKVFDRYK SYSPYDML ES IRKEVKGDLE NAFLNLVQCI QNKPLYFADR LYDSMKGKGT RDKVLIRIMV SRSEVDMLKI RSEFKRKYGK SLYYYIQQDT KGDYQKALLY LCGGDD.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	ANXA2 (0.5mg/ml) solution containing 20mM Tris-HCl pH-8, 0.1M NaCl and 20% glycerol. Greater than 95% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<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**