

## Recombinant Human ANXA2 Protein

Catalog #	Source	Reactivity	Applications
CRP1053	E. coli	Human	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Human ANXA2 Protein is produced by our E.coli expression system and the target gene encoding Ser2-Asp339 is expressed.		
<b>Form</b>	Lyophilized from a 0.2 μM filtered solution of 20mM Tris-HCl, 150mM NaCl, 1mM EDTA, pH 7.5.		
<b>Gene Symbol</b>	ANXA2		
<b>Alternative Names</b>	ANX2; ANX2L4; CAL1H; LPC2D; Annexin A2; Annexin II; Annexin-2; Calpactin I heavy chain; Calpactin-1 heavy chain; Chromobindin-8; Lipocortin II; Placental anticoagulant protein IV; PAP-IV; Protein I; p36		
<b>Entrez Gene</b>	302 (Human)		
<b>SwissProt</b>	P07355 (Human)		
<b>Purity</b>	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
<b>Chemical Structure</b>	<p>MSTVHEILCK LSLEGDHSTP PSAYGSVKAY TNFDAERDAL NIETAIKTKG VDEVTIVNIL</p> <p>TNRSNAQRQD IAFAYQRRTK KELASALKSA LSGHLETVIL GLLKTPAQYD ASELKASMKG</p> <p>LGTDEDSLIE IICSRNQEL QEINRVYKEM YKTDLEKDII SDTSGDFRKL MVALAKGRRA</p> <p>EDGSVIDYEL IDQDARDLYD AGVKRKGTDV PKWISIMTER SVPHLQKVFD RYKSYSPYDM</p> <p>LESIRKEVKG DLENAFLNLV QCIQNKPLYF ADRLYDSMKG KGTRDKVLIR IMVSRSEVDM</p> <p>LKIRSEFKRK YGKSLYYYIQ QDTKGDYQKA LLYLCGGDD</p>		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
<b>Directions for Use</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

freeze-thaw cycles.

## Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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