

Recombinant Human ANXA6 Protein

Catalog #	Source	Reactivity	Applications
CRP1056	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human ANXA6 Protein is produced by our E.coli expression system and the target gene encoding Ala2-Asp673 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.		
Gene Symbol	ANXA6		
Alternative Names	ANX6; Annexin A6; 67 kDa calelectrin; Annexin VI; Annexin-6; Calphobindin-II; CPB-II; Chromobindin-20; Lipocortin VI; Protein III; p68; p70		
Entrez Gene	309 (Human)		
SwissProt	P08133 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	MAKPAQGAKY RGSIHDFPGF DPNQDAEALY TAMKGFSGDK EAILDIITSR SNRQRQEVQC SYKSLYGKDL IADLKYELTG KFERLIVGLM RPPAYCDAKE IKDAISGIGT DEKCLIEILA SRTNEQMHQL VAAYKDAYER DLEADIIGDT SGHFQKMLVV LLQGTREDD VVSEDLVQQD VQDLYEAGEL KWGTDEAQFI YILGNRSKQH LRLVFDEYLK TTGKPIEASI RGELSGDFEK LMLAVVKCIR STPEYFAERL FKAMKGLGTR DNTLIRIMVS RSELDMLDIR EIFRTKYEKS LYSMIKNDTS GEYKKTLLKL SGGDDDAAGQ FFPEAAQVAY QMWELSAVAR VELKGTVRPA NDFNPDADAK ALRKAMKGLG TDEDTIIDII THRSNVQRQQ IRQTFKSHFG RDLMTDLKSE ISGDLARLIL GLMMPPAHYD AKQLKKAMEG AGTDEKALIE ILATRTNAEI RAINEAYKED YHKSLEDALS SDTSGHFRR ILSLATGHRE EGGENLDQAR EDAQVAEIL EIADTPSGDK TSLETRFMTI LCTRSYPHLR RVFQEFIKMT NYDVEHTIKK EMSGDVRDAF VAIVQSVKNK PLFFADKLYK SMKGAGTDEK TLTRIMVSRS EIDLLNIRRE FIEKYDKSLH QAIEGDTSGD		

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

FLKALLALCG GEDLEHHHHH H

Quality Control

Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

Directions for Use

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 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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