

**AR09345PU-N****Human Annexin A6 / ANXA6 (1-673, His-tag) - Purified****Alternate names:**

67 kDa calelectrin, ANX6, Annexin VI, Annexin-6, CPB-II, Calphobindin-II, Chromobindin-20, Lipocortin VI, Protein III, p68, p70

**Quantity:**

50 µg

**Concentration:**

0.5 mg/ml (determined by Bradford assay)

**Background:**

Annexin A6 belongs to a family of calcium-dependent membrane and phospholipid binding proteins. Although their functions are still not clearly defined, several members of the annexin family have been implicated in membrane-related events along exocytotic and endocytotic pathways. Annexin6 has been implicated in mediating the endosome aggregation and vesicle fusion in secreting epithelia during exocytosis.

**Uniprot ID:**[P08133](#)**NCBI:**[NP\\_001146](#)**GeneID:**[309](#)**Species:**

Human

**Source:**

E. coli

**Format:****State:** Liquid purified protein**Purity:** >90% by SDS - PAGE**Buffer System:** 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.1 M NaCl**Description:**

Recombinant Annexin A6 protein, fused to His-tag, was expressed in E.coli and purified by using conventional chromatography techniques.

**AA Sequence:**

MGSSHHHHHH SSGLVPRGSH MAKPAQGAKY RGSIHDFPGF DPNQDAEALY TAMKGFSGDK  
EAILDIITSR SNRQRQEVQC SYKSLSYGKDL IADLKYELTG KFERLIVGLM RPPAYCDAKE  
IKDAISGIGT DEKCLIEILA SRTNEQMHQL VAAKDAYER DLEADIIIGDT SGHFQKMLVV  
LLQGTREEDD VVSEDLVQQD VQDLYEAGEL KWTDEAQFI YILGNRSKQH LRLVFDEYLK  
TTGKPIEASI RGELSGDFEK LMLAVVKCIR STPEYFAERL FKAMKGLGTR DNTLIRIMVS  
RSELDMLDIR EIFRTKYEKS LYSMIKNDTS GEYKKTLLKL SGGDDDAAGQ FFPEAAQVAY  
QMWELSAVAR VELKGTVRPA NDFNPDADAK ALRKAMKGLG TDEDTIIDII THRSNVQRQQ  
IRQTFKSHFG RDLMTDLKSE ISGDLARLIL GLMPPAHYD AKQLKKAMEG AGTDEKALIE  
ILATRTNAEI RAINEAYKED YHKSLEDALS SDTSGHFRR I LISLATGHRE EGGENLDQAR  
EDAQVAEIL EIADTPSGDK TSLETRFMTI LCTRSYPHLR RVFQEFIKMT NYDVEHTIKK  
EMSGDVRDAF VAIVQSVKKN PLFFADKLYK SMKGAGTDEK TLTRIMVSRS EIDLLNIRRE  
FIEKYDKSLH QAIEGDTSGD FLKALLALCG GED

**Molecular weight:** kDa (693 aa)**Storage:**

Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

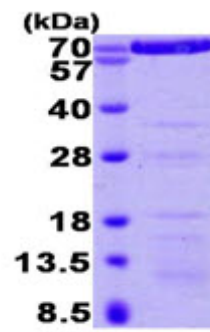
Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

**General Readings:**

Takagi H., et al. (2003) J. Cell. Sci. 115:3309–18.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human Annexin A6, 1-673 aa, His-tagged: 15% SDS-PAGE (3  $\mu$ g)

