

Product information



Annexin A6, 1-673 aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP0459

Synonyms: ANXA6, ANX6, CBP68

NCBI Accession No.: NP_001146

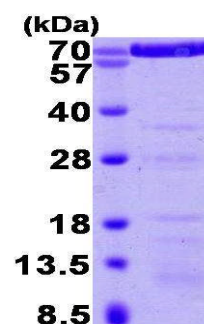
Description: Annexin A6 belongs to a family of calcium-dependent membrane and phospholipid binding proteins. Although their functions are still not clearly defined, several members of the annexin family have been implicated in membrane-related events along exocytotic and endocytotic pathways. Annexin6 has been implicated in mediating the endosome aggregation and vesicle fusion in secreting epithelia during exocytosis. Recombinant Annexin A6 protein was expressed in *E.coli* and purified by using conventional chromatography techniques.

Form: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol
0.1M NaCl

Molecular Weight: 78.0 kDa (693aa)

Purity: > 90% by SDS - PAGE

Concentration: 0.5 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MAKPAQGAKY RGSIHDFPGF DPNQDAEALY TAMKGFSGDK EAILDIIITSR SNRQRQEVCC SYKSPLYGKDL
IADLKYELTG KFERLIVGLM RPPAYCDAKE IKDAISGIGT DEKCLIEILA SRTNEQMHQL VAAYKDAYER DLEADIIIGDT SGHFQKMLVV
LLQGTREEDD VVSEDLVQQD VQDLYEAGEL KWGTDQAQFI YILGNRSKQH LRLVFDEYLYK TTGKPIEASI RGELSGDFEK LMLAVVKCIR
STPEYFAERL FKAMKGLGTR DNTLIRIMVS RSELDMLDIR EIFRKYEKS LYSMIKNDTS GEYKKTLLKL SGGDDAAGQ FFPEAAQVAY
QMWELSAVAR VELKGTVRPA NDFNPDAK ALRKAMKGLG TDEDTIIDII THRSNVQRQQ IRQTFKSHFG RDLMTDLKSE ISGDLARLIL
GLMPPAHYD AKQLKKAMEG AGTDEKALIE ILATRTNAEI RAINEAYKED YHKSLEDALS SOTSGHFRRIL ISLATGHRE EGGENLDQAR
EDAQVAEIL EIADTPSGDK TSLETRFMTI LCTRSYPHLR RVFQEFIKMT NYDVEHTIKK EMSGDVRDAF VAIVQSVKKNK PLFFADKLYK
SMKGAGTDEK TLTRIMVSRS EIDLLNIRRE FIEKYDKSLH QAIEGDTSGD FLKALLALCG GED

General references:

Benz J., et al. (1996) *J. Mol. Biol.* 260:638-643

WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.

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

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

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