



Catalog Number: PR27215

Product Type: Recombinant Protein

Source: *E. Coli*

Amino Acid Sequence: MGSSHHHHHH SSSLVPRGSH MAKPAQGAKY RGSIHDFPGF DPNQDAEALY TAMKGFSGDK
EAILDIITSR SNRQRQEVCC SYKSLYGKDL IADLKYELTG KFERLIVGLM RPPAYCDAKE IKDAISGIG
DEKCLIEILA SRTNEQMHL VAAYKDAYER DLEADIIGDT SGHFQKMLVV LLQGTREEDD
VVSEDLVQQD VQDLYEAGEL KWGTDEAQFI YILGNRSKQH LRLVFDEYLK TTGKPIEASI
RGELSGDFEK LMLAVVKCIR STPEYFAERL FKAMKGLGTR DNTLIRIMVS RSELDMLDIR
EIFRTKYEKS LYSMIKNDTS GEYKKTLLKL SGGDDDAAGQ FFPEAAQVAY QMWELSAVAR
VELKGTVRPA DFNPDADAK ALRKAMKGLG TDEDTIIDII THRSNVQRQQ IRQTFKSHFG
RDLMTDLKSE ISGDLARLIL GLMMPPAHYD AKQLKKAMEG AGTDEKALIE ILATRTRNAEI
RAINEAYKED YHKSLEDALS SDTSGHFRI LISLATGHRE EGGENDQAR EDAQVAAEIL
EIADTPSGDK TSLETRFMTI LCTRSYPHLR RVFQEFIKMT NYDVEHTIKK EMSGDVRDAF
VAIVQSVKNK PLFFADKLYK SMKGAAGTDEK TLTRIMVSRS EIDLLNIRRE FIEKYDKSLH
QAIEGDTSGD FLKALLALCG GED.

Description/Molecular Mass: ANXA6 is part of the family of calcium-dependent membrane and phospholipid binding proteins. ANXA6 mediates the endosome aggregation and vesicle fusion in secreting epithelia during exocytosis. ANXA6 correlates with CD21. ANXA6 regulates the release of Ca(2+) from intracellular stores. ANXA6 is differentially expressed in the lumbar spinal cord from rats submitted to peripheral lesion during neonat period.

Purity: ANXA6 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 693 amino acids (1-673 a.a.) and having a molecular mass of 78 kDa. ANXA6 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Greater than 90.0% as determined by:
(a) Analysis by SDS-PAGE.

Format: The ANXA6 protein solution contains 20mM Tris-HCl, pH-8, 0.1M NaCl and 10% glycerol.

Storage: 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.

FOR RESEARCH USE ONLY

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