

## 32-3202: ANXA6 Recombinant Protein

**Alternative Name :** ANX6,ANXA6,Annexin-VI,Lipocortin-6,Lipocortin-VI,Annexin-6,CPB-II,Annexin A6,p68,p70,Protein III,Chromobindin-20,67 kDa calelectrin,Calphobindin-II,CBP68.

### Description

Source : Escherichia Coli. 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. 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 neonatal period.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 90% as determined by SDS-PAGE.  
**Content :** The ANXA6 protein solution contains 20mM Tris-HCl, pH-8, 0.1M NaCl and 10% glycerol.  
**Storage condition :** 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.  
**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MAKPAQGAKY RGSIHDFPGF DPNQDAEALY TAMKGFSGDK EAILDIITSR  
SNRQRQEVQC SYKSLYGKDL IADLKYELTG KFERLIVGLM RPPAYCDAKE IKDAISGIGT DEKCLIEILA  
SRTNEQMHQL VAAYKDAYER DLEADIIGDT SGHFQKMLVV LLQGTREEDD VVSEDLVQQD  
VQDLYEAGEL KWGTDEAQFI YILGNRSKQH LRLVFDEYLK TTGKPIEASI RGELSGDFEK LMLAVVKCIR  
STPEYFAERL FKAMKGLGTR DNTLIRIMVS RSELDMLDIR EIFRTKYEKS LYSMIKNDTS GEYKTKLLKL  
SGGDDDAAGQ FFPEAAQVAY QMWELSAVAR VELKGTVRPA DFNPDADAK ALRKAMKGLG TDEDTIIDII  
THRSNVQRQQ IRQTFKSHFG RDLMTDLKSE ISGDLARLIL GLMMPPAHYD AKQLKAMEG AGTDEKALIE  
ILATRTNAEI RAINEAYKED YHKSLEDALS SDTSGHFRR I LISLATGHRE EGGENLDQAR EDAQVAEIL  
EIADTPSGDK TSLETRFMTI LCTRSYPHLR RVFQEFIKMT NYDVEHTIKK EMSGDVRDAF VAIQSVKKNK  
PLFFADKLYK SMKGAGTDEK TLTRIMVSRS EIDLLNIRRE FIEKYDKSLH QAIEGDTSGD FLKALLALCG  
GED.