



Catalog Number: PR27208

Product Type: Recombinant Protein

Source: *E. Coli*

Amino Acid Sequence: MGSSHHHHHH SSSLVPRGSH MGSHEMFCGDY VQGTIFPAPN FNPIMDAQML GGALQGFDCD KDMLINILTQ RCNAQRMMIA EAYQSMYGRD LIGDMREQLS DHFKDVMAGL MYPPPLYDAH ELWHAMKGVG TDENCLIEIL ASRTNGEIFQ MREAYCLQYS NNLQEDIYSE TSGHFRDTLM NLVQGTREEG YTDPAAMAAQD AMVLWEACQQ KTGEHKTMLQ MILCNKSYQQ LRLVFQEFQN ISGQDMVDAL NECYDGYFQE LLVAIVLCVR DKPAYFAYRL YSAIHDFGFH NKTVIRILIA RSEIDLLTIR KRYKERYGKS LFHDIRNFAS GHYKALLAI CAGDAEDY.

Description/Molecular Mass: Annexin A10 (ANXA10) is a member of the annexin family of calcium-binding proteins that contains a few members which are described by a conserved core domain that binds phospholipids in a Ca²⁺-dependent manner, and a unique amino-terminal region, which may convene binding specificity. The ANXA10 protein contains 4 annexin domains and might be required in the regulation of cellular growth and signal transduction pathways throughout the cell.

ANXA10 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 348 amino acids (1-324 a.a.) and having a molecular mass of 39.8kDa.

ANXA10 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Purity: Greater than 95.0% as determined by:
(a) Analysis by SDS-PAGE.

Format: ANXA10 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 1mM DTT and 0.1M NaCl.

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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