

## ANXA10 Human

**Description:**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.

**Catalog #:**PRPS-1052

For research use only.

**Synonyms:**Annexin A10, Annexin-10, Annexin-14, ANXA10, ANX14.

**Source:**Escherichia Coli.

**Physical Appearance:**Sterile Filtered colorless solution.

**Amino Acid Sequence:**MGSSHHHHHH SSGLVPRGSH MGSHMFCGDY VQGTIFPAPN  
FNPIMDAQML GGALQGFD CD KDMLINLTQ RCNAQRMMIA EAYQSMYGRD LIGDMREQLS  
DHFKDVMAGL MYPPPLYDAH ELWHAMKGVG TDENCLIEIL ASRTNGEIFQ MREAYCLQYS  
NNLQEDIYSE TSGHFRDTLMNLVQGTREEG YTDPAAMAAQD AMVLWEACQQ KTGEHKTMLQ  
MILCNKSYQQ LRL

**Purity:**Greater than 95.0% as determined by SDS-PAGE.

**Formulation:**

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

**Stability:**

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.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

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 Ca<sup>2+</sup>-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.

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