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## Product Data Sheet

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Product Name: ANXA10 Human  
 Cat. No.: GP22728  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Annexin A10; Annexin-10; Annexin-14; ANXA10; ANX14.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMMFCGDY VQGTIFPAPN FNPIMDAQML GGALQGFDCD KDMLINILTQ RCNAQRMMIA EAYQSMYGRD LIGDMREQLS DHFKDVMAGL MYPPPLYDAH ELWHAMKGVG TDENCLIEIL ASRTNGEIFQ MREAYCLQYS>NNLQEDIYSE TSGHFRDTLMNLVQGTREEG YTDPAAMAAQD AMVLWEACQQ KTGEHKTMLQ MILCNKSYQQ LRLVFQEFQN ISGQDMVDAI NECYDGYFQE LLVAIVLCVR DKPAYFAYRL YSAIHDFGFH NKTVIRILIA RSEIDLLTIR KRYKERYGKS LFHDIRNFAS GHYKKALLAI CAGDAEDY.		
Formulation	ANXA10 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 1mM DTT and 0.1M NaCl.		

### 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.

### 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.

### Background

ANXA10 Human Recombinant produced in E.Coli is a single, non-glycosylated

**Caution: Product has not been fully validated for medical applications. For research use only.**

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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.

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