

# Recombinant human Annexin A10/ANXA10 protein

Catalog Number: ATGP1420

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-324aa

### UniProt No.

Q9UJ72

### NCBI Accession No.

NP\_009124

### Alternative Names

Annexin-10, Annexin-14, ANXA10, ANX14

## PRODUCT SPECIFICATION

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### Molecular Weight

39.8 kDa (348aa) confirmed by MALDI-TOF

### Concentration

1mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 1mM DTT, 0.1M NaCl

### Purity

> 95% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

ANXA10, also known as Annexin A10, belongs to the annexin family of calcium-binding proteins contains several family members that are characterized by a conserved core domain, which binds phospholipids in a Ca<sup>2+</sup>-dependent manner, and a unique amino-terminal region, which may confer binding specificity. This protein contains four annexin domains and may be involved in the regulation of cellular growth and signal transduction pathways throughout the cell. Recombinant human ANXA10 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

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## Amino acid Sequence

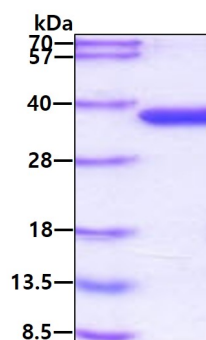
<MGSSHHHHH SSGLVPRGSH MGSH>MFCGDY VQGTIFPAPN FNPIMDAQML GGALQGFDCD KDMLINILTQ  
RCNAQRMMIA EAYQSMYGRD LIGDMREQLS DHFKDVMAGL MYPPPLYDAH ELWHAMKGVG TDENCLIEIL ASRTNGEIFQ  
MREAYCLQYS NNLQEDIYSE TSGHFRDTLM NLVQGTREEG YTDPAAMAAQD AMVLWEACQQ KTGEHKTMLQ  
MILCNKSYQQ LRLVFQEFQN ISGQDMVDAL NECYDGYFQE LLVAIVLCVR DKPAYFAYRL YSAIHDFGFH NKTIVIRILIA  
RSEIDLLTIR KRYKERYGKS LFHDIRNFAS GHYKCALLAI CAGDAEDY

## General References

Testa J.R. et al. (1999) Genomics 60: 40-49.  
Ou Y.H. et al. (2005) Int. J. Oncol. 26: 1053-1061.

## DATA

### SDS-PAGE



3 $\mu$ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.