

Annexin A10/ANXA10 Protein, Human

Cat. No.:	HY-P7513
Synonyms:	rHuAnnexin A10; ANXA10; Annexin A10
Species:	Human
Source:	E. coli
Accession:	Q9UJ72 (M1-Y324)
Gene ID:	11199
Molecular Weight:	28-35 kDa

PROPERTIES

AA Sequence	<pre> M F C G D Y V Q G T I F P A P N F N P I M D A Q M L G G A L Q G F D C D K D M L I N I L T Q R C N A Q R M M I A E A Y Q S M Y G R D L I G D M R E Q L S D H F K D V M A G L M Y P P P L Y D A H E L W H A M K G V G T D E N C L I E I L A S R T N G E I F Q M R E A Y C L Q Y S N N L Q E D I Y S E T S G H F R D T L M N L V Q G T R E E G Y T D P A M A A Q D A M V L W E A C Q Q K T G E H K T M L Q M I L C N K S Y Q Q L R L V F Q E F Q N I S G Q D M V D A I N E C Y D G Y F Q E L L V A I V L C V R D K P A Y F A Y R L Y S A I H D F G F H N K T V I R I L I A R S E I D L L T I R K R Y K E R Y G K S L F H D I R N F A S G H Y K K A L L A I C A G D A E D Y </pre>
Appearance	Lyophilized powder.
Formulation	Lyophilized after extensive dialysis against 20 mM PB, 150 mM NaCl, pH 7.4.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	Annexin A10, a member of the annexin family, is a Ca ²⁺ -dependent phospholipid binding proteins that are localized on the cytosolic face of the plasma membrane. Annexin A10 plays a role in the regulation of cellular growth and in signal transduction pathways, including growth regulation, cell division, apoptosis, differentiation, and proliferation ^[1] .
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REFERENCES

[1]. Feng Li, et al. Annexin A10 contributes to chronic constrictive injury-induced pain through activating ERK1/2 signalling in rats. *Int J Neurosci*. 2018 Feb;128(2):125-132.

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

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