

SP-10/ACRV1 Protein, Human (HEK293, C-His)

Cat. No.:	HY-P71139
Synonyms:	Acrosomal Protein SP-10; Acrosomal Vesicle Protein 1; ACRV1
Species:	Human
Source:	HEK293
Accession:	P26436 (Q22-I265)
Gene ID:	56
Molecular Weight:	Approximately 35.0 kDa

PROPERTIES

AA Sequence	<p> Q P N E L S G S I D H Q T S V Q Q L P G E F F S L E N P S D A E A L Y E T S S G L N T L S E H G S S E H G S S K H T V A E H T S G E H A E S E H A S G E P A A T E H A E G E H T V G E Q P S G E Q P S G E H L S G E Q P L S E L E S G E Q P S D E Q P S G E H G S G E Q P S G E Q A S G E Q P S G E H A S G E Q A S G A P I S S T S T G T I L N C Y T C A Y M N D Q G K C L R G E G T C I T Q N S Q Q C M L K K I F E G G K L Q F M V Q G C E N M C P S M N L F S H G T R M Q I I C C R N Q S F C N K I </p>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.
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	<p>SP-10 is an abundant protein present in both the acrosomal matrix as well as in the inner acrosomal membrane. The SP-10 antibody has been shown to be useful for staging the seminiferous cycle in the mouse and human^[1].</p> <p>A full-length 45-kDa SP-10 precursor protein is present in the testis and that SP-10 peptides of 32, 30, 28, and 26 kDa result from proteolytic processing of the SP-10 precursor protein in the testis and/or alternative splicing^[2].</p>
------------	--

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA