SPESP1 Protein, Human (HEK293, His)

Cat. No.:	HY-P71330
Synonyms:	Sperm Equatorial Segment Protein 1; ESP; Equatorial Segment Protein; SP-ESP; Glycosylated 38 kDa Sperm Protein C-7/8; SPESP1
Species:	Human
Source:	HEK293
Accession:	Q6UW49 (Y20-Y350)
Gene ID:	246777
Molecular Weight:	Approximately 58.0 kDa

PROPERTIES

AA Sequence	Y P S I T V T P D E E Q N L N H Y I Q V L E N L V R S V P S G E P G R E K K S N S P K H V Y S I A S K G S K F K E L V T H G D A S T E N D V L T N P I S E E T T T F P T G G F T P E I G K K K H T E S T P F W S I K P N N V S I V L H A E E P Y I E N E E P E P E P E P E P A A K Q T E A P R M L P V V T E S S T S P Y V T S Y K S P V T T L D K S T G I G I S T E S E D V P Q L S G E T A I E K P E E F G K H P E S W N N D D I L K K I L D I N S Q V Q Q A L L S D T S N P A Y R E D I E A S K D H L K R S L A L A A A A E H K L K T M Y K S Q L L P V G R T S N K I D D I E T V I N M L C N S R S K L Y E Y L D I K C V P P E M R E K A A T V F N T L K N M C R S R R V T A L L K V Y
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O. 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	SPESP1 protein plays a pivotal role in the fertilization ability of sperm.

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