

RISC Protein, Human (HEK293, His)

Cat. No.:	HY-P73675
Synonyms:	Retinoid-inducible serine carboxypeptidase; SCPEP1; RISC; SCP1
Species:	Human
Source:	HEK293
Accession:	Q9HB40 (A27-E452)
Gene ID:	59342
Molecular Weight:	Approximately 45-58 kDa due to the glycosylation.

PROPERTIES

AA Sequence	<pre> A V I D W P T E E G K E V W D Y V T V R K D A Y M F W W L Y Y A T N S C K N F S E L P L V M W L Q G G P G G S S T G F G N F E E I G P L D S D L K P R K T T W L Q A A S L L F V D N P V G T G F S Y V N G S G A Y A K D L A M V A S D M M V L L K T F F S C H K E F Q T V P F Y I F S E S Y G G K M A A G I G L E L Y K A I Q R G T I K C N F A G V A L G D S W I S P V D S V L S W G P Y L Y S M S L L E D K G L A E V S K V A E Q V L N A V N K G L Y R E A T E L W G K A E M I I E Q N T D G V N F Y N I L T K S T P T S T M E S S L E F T Q S H L V C L C Q R H V R H L Q R D A L S Q L M N G P I R K K L K I I P E D Q S W G G Q A T N V F V N M E E D F M K P V I S I V D E L L E A G I N V T V Y N G Q L D L I V D T M G Q E A W V R K L K W P E L P K F S Q L K W K A L Y S D P K S L E T S A F V K S Y K N L A F Y W I L K A G H M V P S D Q G D M A L K M M R L V T Q Q E </pre>
Biological Activity	The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, 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

The RISC protein appears to be intricately linked to the maintenance of homeostasis in both the vascular wall and the kidney. Its potential involvement suggests a regulatory role in essential physiological processes, emphasizing its importance in sustaining the balance and optimal functioning of these crucial systems. A deeper exploration of the specific mechanisms through which the RISC protein operates holds promise for uncovering valuable insights that may contribute to its therapeutic potential in addressing conditions related to vascular and renal health.

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