

APEG1 Protein, Human (His)

Cat. No.:	HY-P76729
Synonyms:	Striated muscle preferentially expressed protein kinase; APEG-1; SPEG; KIAA1297
Species:	Human
Source:	E. coli
Accession:	Q15772-4 (M1-E113)
Gene ID:	10290
Molecular Weight:	Approximately 15 kDa

PROPERTIES

AA Sequence	<p>M K P S P S Q N R R S S D T G S K A P P T F K V S L M D Q S V R E G Q D V I M S</p> <p>I R V Q G E P K P V V S W L R N R Q P V R P D Q R R F A E E A E G G L C R L R I</p> <p>L A A E R G D A G F Y T C K A V N E Y G A R Q C E A R L E V R G E</p>
Biological Activity	When Recombinant Human APEG1 Protein is immobilized at 10 µg/mL (100 µL/well) can bind Anti- APEG1 Antibody, The ED ₅₀ for this effect is 8.941 µg/mL.
Appearance	Solution.
Formulation	Supplied as a 0.2 µm filtered solution of PBS, pH 7.4
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	APEG1, specifically isoform 3, is implicated in the potential regulation of growth and differentiation processes in arterial smooth muscle cells.
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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