

Recombinant Full Length Human SPEG Protein, GST-tagged

Cat. No. SPEG-1118HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human APEG1 full-length ORF (AAH06346, 1 a.a. - 113 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	113 amino acids
Description	This gene encodes a protein with similarity to members of the myosin light chain kinase family. This protein family is required for myocyte cytoskeletal development. Along with the desmin gene, expression of this gene may be controlled by the desmin locus control region. Mutations in this gene are associated with centronuclear myopathy 5. [provided by RefSeq, Jun 2016]
Molecular Mass	38.17 kDa
AA Sequence	MKPSPSQNRR SSDTGSKAPP TFKVSLMDQS VREGQDVIMS IRVQGEPKPV VSWLRNRQPV RPDQRRFAEE AEGGLCRLRI LAAERGDAGF YTCKAVNEYG ARQCEARLEV RGE
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [SPEG SPEG complex locus \[Homo sapiens \]](#)

Official Symbol [SPEG](#)

Synonyms SPEG; SPEG complex locus; aortic preferentially expressed gene 1 , APEG1; striated muscle preferentially expressed protein kinase; BPEG; KIAA1297; MGC12676; SPEGalpha; SPEGbeta; aortic preferentially expressed gene 1; aortic preferentially expressed protein 1; nuclear protein, marker for differentiated aortic smooth muscle and down-regulated with vascular injury; APEG1; APEG-1

Gene ID [10290](#)

mRNA Refseq [NM_001173476](#)

Protein Refseq [NP_001166947](#)

MIM [615950](#)

UniProt ID [Q15772](#)

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