

Recombinant Human SPEG cell lysate

Cat. No. SPEG-1680HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Description	Expression of this gene is thought to serve as a marker for differentiated vascular smooth muscle cells which may have a role in regulating growth and differentiation of this cell type. The encoded protein is highly similar to the corresponding rat and mouse proteins. Multiple alternatively spliced transcript variants have been found for this gene, but the full-length nature of only one variant has been defined.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

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

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and down-regulated with vascular injury; APEG1; APEG-1;

Gene ID

10290

mRNA Refseq

NM_001173476

Protein Refseq

NP_001166947

UniProt ID


Q15772

**Chromosome
Location**

2q35

Function

ATP binding; nucleotide binding; protein serine/threonine kinase activity;

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