

## Recombinant Human SPEG protein, GST-tagged

Cat. No. SPEG-3520H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SPEG protein(Q15772)(1-113aa), fused to N-terminal GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-113aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	38.7 kDa
<b>AA Sequence</b>	MQKARGTRGEDAGTRAPPSGVPKRAKVGAGGGAPVAVAGAPVFLRPLKNAAVC AGSDVRLRVVSGTPQPSLRWFRDQQLLPAPAPEPSCLWLRRCGAQDAGVYSCM AQNE
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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**Reconstitution**

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

**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

**UniProt ID**

Q15772

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