

Recombinant Human SPEG protein, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human SPEG protein(Q15772)(1-113aa), fused to N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-113aa
Form	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.
Molecular Mass	38.7 kDa
AA Sequence	MQKARGTRGEDAGTRAPPSPGVPPKRAKVGAGGGAPVAVAGAPVFLRPLKNAAVC AGSDVRLRVVSGTPQPSLRWFRDQQLLPAPAPEPSCLWLRRCGAQDAGVYSCM AQNE
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	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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