

Recombinant Human SPEG protein, His-tagged

Cat. No. SPEG-3797H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SPEG protein(Q15772-4) (Met 1-Glu 113) was expressed in E.coli, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	E.coli
ProteinLength	1-113 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human SPEG consisting of 123 amino acids and has a calculated molecular mass of 14 kDa. It migrates as an approximately 19 kDa band in SDS-PAGE under reducing conditions.
Purity	> 85 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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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
SDS-PAGE	