

## Recombinant Human SPG7 protein, His-tagged

Cat. No. SPG7-2841H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SPG7 protein(362-406 aa), fused to His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	362-406 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
<b>AA Sequence</b>	VATEAQVPFLAMAGPEFVEVIGGLGAARVRSFLFKEARARAPCIVYI
<b>Purity</b>	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
<b>Reconstitution</b>	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**GENE INFORMATION**

<b>Gene Name</b>	SPG7 spastic paraplegia 7 (pure and complicated autosomal recessive) [ Homo sapiens ]
<b>Official Symbol</b>	SPG7
<b>Synonyms</b>	SPG7; spastic paraplegia 7 (pure and complicated autosomal recessive); cell matrix adhesion regulator , CMAR; paraplegin; CAR; SPG5C; paraplegin, isoform 1; cell adhesion regulator; spastic paraplegia 7 protein; cell matrix adhesion regulator; PGN; CMAR; FLJ37308; MGC126331; MGC126332;
<b>Gene ID</b>	6687
<b>mRNA Refseq</b>	NM_003119
<b>Protein Refseq</b>	NP_003110
<b>MIM</b>	602783
<b>UniProt ID</b>	Q9UQ90

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA