

Recombinant Human SPG7 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human SPG7 protein(362-406 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	362-406 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ ,17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	VATEAQVPFLAMAGPEFVEVIGGLGAARVRSFLFKEARARAPCIVYI
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	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.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

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GENE INFORMATION

Gene Name	SPG7 spastic paraplegia 7 (pure and complicated autosomal recessive) [Homo sapiens]
Official Symbol	SPG7
Synonyms	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;
Gene ID	6687
mRNA Refseq	NM_003119
Protein Refseq	NP_003110
MIM	602783
UniProt ID	Q9UQ90

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