

## Recombinant Human SMN1 protein, GST-tagged

Cat. No. SMN1-6843H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human SMN1 protein(275-294 aa), fused with N-terminal GST tag, was expressed in E. coli.

**Species** Human

**Source** E.coli

**ProteinLength** 275-294 aa

**Form** 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, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.

**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, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

**Purity** 80%, by SDS-PAGE with Coomassie Brilliant Blue staining.

### GENE INFORMATION

**Official Symbol** [SMN1](#)

**Synonyms** SMN1; survival of motor neuron 1, telomeric; SMA, SMA@, spinal muscular atrophy (Werdnig Hoffmann disease, Kugelberg Welander disease); survival motor neuron

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protein; BCD541; SMA1; SMA2; SMA3; SMNT; gemin 1; gemin-1; component of gems 1; SMA; SMN; SMA4; SMA@; SMN2; T-BCD541;

**Gene ID** 6606

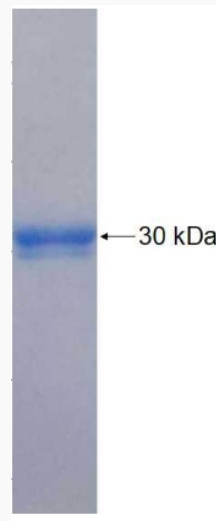
**mRNA Refseq** NM\_000344

**Protein Refseq** NP\_000335

**MIM** 600354

**UniProt ID** Q16637

**SDS-PAGE**



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