

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 ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 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

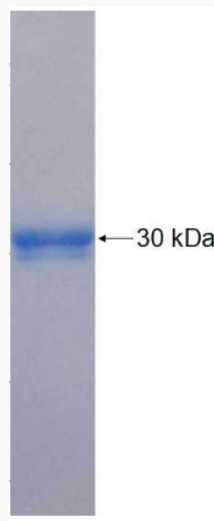
mRNA Refseq NM_000344

Protein Refseq NP_000335

MIM 600354

UniProt ID Q16637

SDS-PAGE



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