

Recombinant Human SMN1, GST-tagged

Cat. No. SMN1-2816H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SMN1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-20aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	SMN1 survival of motor neuron 1, telomeric [Homo sapiens]
Official Symbol	SMN1
Synonyms	SMN1; survival of motor neuron 1, telomeric; SMA, SMA@, spinal muscular atrophy (Werdnig Hoffmann disease, Kugelberg Welanders disease); survival motor neuron protein; BCD541; SMA1; SMA2; SMA3; SMNT; gemin 1; gemin-1; component of gems 1; SMA; SMN; SMA4; SMA@; SMN2; T-BCD541;

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Gene ID	6606
mRNA Refseq	NM_000344
Protein Refseq	NP_000335
MIM	600354
UniProt ID	Q16637
Chromosome Location	5q13.2
Pathway	Gene Expression, organism-specific biosystem; Metabolism of non-coding RNA, organism-specific biosystem; RNA transport, organism-specific biosystem; RNA transport, conserved biosystem; Survival motor neuron (SMN) complex, organism-specific biosystem; snRN

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