

Recombinant Mouse Sp3 Protein, Myc/DDK-tagged

Cat. No. Sp3-6061M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length trans-acting transcription factor 3 (cDNA clone MGC:38209 IMAGE:5323205), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene product belongs to a family of Sp1 related transcription factors, which regulate transcription by binding to consensus GC- and GT-box regulatory elements in target genes. This protein contains a zinc finger DNA-binding domain and several transactivation domains, and has been reported to function as a bifunctional transcription factor that either stimulates or represses transcription of numerous genes. Alternative splicing results in transcript variants encoding different isoforms, and one variant initiates translation from a non-AUG (AUA) codon.
Molecular Mass	116.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Concentration	>50 µg/mL as determined by microplate BCA method
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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
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GENE INFORMATION

Gene Name	Sp3 trans-acting transcription factor 3 [Mus musculus (house mouse)]
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Official Symbol	Sp3
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Synonyms	Sp3; trans-acting transcription factor 3; D130027J01Rik; transcription factor Sp3
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Gene ID	20687
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mRNA Refseq	NM_001018042
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Protein Refseq	NP_001018052
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UniProt ID	O70494
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