

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.

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Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Sp3 trans-acting transcription factor 3 [Mus musculus (house mouse)]

Official Symbol Sp3

Synonyms Sp3; trans-acting transcription factor 3; D130027J01Rik; transcription factor Sp3

Gene ID 20687

mRNA Refseq NM_001018042

Protein Refseq NP_001018052

UniProt ID O70494

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