

Recombinant Human SP3 protein, GST-tagged

Cat. No. SP3-903H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SP3(1 a.a. - 781 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1-781 a.a.
Description	This gene belongs to a family of Sp1 related genes that encode transcription factors that 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 the transcription of numerous genes. Transcript variants encoding different isoforms have been described for this gene, and one has been reported to initiate translation from a non-AUG (AUA) start codon. Additional isoforms, resulting from the use of alternate downstream translation initiation sites, have also been noted. A related pseudogene has been identified on chromosome 13.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	112.4 kDa
AA Sequence	MTAPEKPVKQEEMAALDVGSGGGGGGGGGHGEYLQQQQQHNGAVAAAAAAQD

 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

Applications

Notes

Storage

GENE INFORMATION

Gene Name

Official Symbol

Synonyms

Gene ID

 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

mRNA Refseq	NM_001017371
Protein Refseq	NP_001017371
MIM	601804
UniProt ID	Q02447
Chromosome Location	2q31
Pathway	Regulation of Telomerase, organism-specific biosystem; Selenium Metabolism and Selenoproteins, organism-specific biosystem;
Function	DNA binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in negative regulation of transcription; chromatin binding; core promoter proximal region sequence-specific DNA binding; double-stranded DNA binding; metal ion binding; protein binding; zinc ion binding;

 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