

Recombinant Human SP3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SP3-5127H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SP3 MS Standard C13 and N15-labeled recombinant protein (NP_003102) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	81.7 kDa
AA Sequence	MTAPEKPVKQEEMAALDVDSGGGGGGGGGHGEYLQQQQQHNGAVAAAAAAQD TQPSPLALLAATCSKIGPPSPGDDEEEAAAAAGAPAAAGATGDLASAQLGGAPNRW EVLSATPTTIKDEAGNLVQIPSAATSSGQYVLPLQNLQNQQIFSVAPGSDSSNGAVS

 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

SVQYQVIPQIQSADGQQVQIGFTGSSDNGGINQESSQIQIIPGSNQTLASGTPSANI
 QNLIPQTGQVQVQVQVAIGGSSFPQTQVVANVPLGLPGNITFVPINSVDLDSLGLSG
 SSQTMTAGINADGHLINTGQAMDSSDINSERTGERVSPDINETNTDLDLFDVPTSSSSQ
 LPVTIDSTGILQQNTNSLTSSGQVHSSDLQGNYIQSPVSEETQAQNIQVSTAQPVV
 QHLQLQESQQPTSQAQIVQGITPQTIHGVQASGQNISQQALQNLQLQNPQTFLIQA
 QTVTPSGQVTWQTFQVQGVQNLQNLQIQNTAAQQITLTPVQTLTLGQVAAGGAFTS
 TPVSLSTGQLPNLQTVTVNSIDSAGIQLHPGENADSPADIRIKEEEDPPEEWQLSGD
 STLNTNDLTHLRVQVDEEGDQQHQEGKRLRRVACTCPNCKEGGGRGTNLGKKK
 QHICHIPGCGKVYGKTSHLRAHLRWHSGERPFVCNWMYCGKRFRSDELQRHRRT
 HTGEKKFVCPECKRFRMRSDHLAKHIKTHQNKKGIIHSSSTVLASVEAARDDTLITAG
 GTTLILANIQQGSVSGIGTVNTSATSNDILTNTIPLQLVTVSGNETMETRTRPLEQK
 LISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	SP3 Sp3 transcription factor [Homo sapiens (human)]
Official Symbol	SP3
Synonyms	SP3; Sp3 transcription factor; transcription factor Sp3; SPR 2; specificity protein 3;

 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

GC-binding transcription factor Sp3; SPR2; DKFZp686O1631;

Gene ID 6670

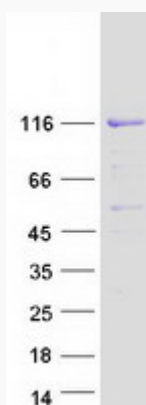
mRNA Refseq NM_003111

Protein Refseq NP_003102

MIM 601804

UniProt ID Q02447

SDS-PAGE



 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