

Recombinant Human SP1 protein, His-tagged

Cat. No. SP1-16H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SP1 fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	The protein encoded by this gene is a zinc finger transcription factor that binds to GC-rich motifs of many promoters. The encoded protein is involved in many cellular processes, including cell differentiation, cell growth, apoptosis, immune responses, response to DNA damage, and chromatin remodeling. Post-translational modifications such as phosphorylation, acetylation, glycosylation, and proteolytic processing significantly affect the activity of this protein, which can be an activator or a repressor. Three transcript variants encoding different isoforms have been found for this gene.
Form	50mM Tris, 8M Urea, pH8.0.
Molecular Mass	80.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

 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

Gene Name	SP1 Sp1 transcription factor [Homo sapiens]
Official Symbol	SP1
Synonyms	SP1; Sp1 transcription factor; transcription factor Sp1; specificity protein 1;
Gene ID	6667
mRNA Refseq	NM_001251825
Protein Refseq	NP_001238754
MIM	189906
UniProt ID	P08047

 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