

Recombinant Full Length Human SP2 Protein

Cat. No. SP2-489HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human SP2 transcription factor with N terminal proprietary tag; Predicted MW 53.46 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	249 amino acids
Description	This gene encodes a member of the Sp subfamily of Sp/XKLF transcription factors. Sp family proteins are sequence-specific DNA-binding proteins characterized by an amino-terminal trans-activation domain and three carboxy-terminal zinc finger motifs. This protein contains the least conserved DNA-binding domain within the Sp subfamily of proteins, and its DNA sequence specificity differs from the other Sp proteins. It localizes primarily within subnuclear foci associated with the nuclear matrix, and can activate or in some cases repress expression from different promoters.
Form	Liquid
Molecular Mass	53.460kDa inclusive of tags
AA Sequence	MAATAAVSPSDYLQPAASTTQDSQPSPLALLAATCSKIGP PAVEAAVTPPAPPQPTP RKLVPPIKPAPLPLSPGKNSFGIL SSKGNILQIQGSQLSASYPGGQLVFAIQNPTMINK GTRSN ANIQYQAVPQIQASNSQTIQVQPNLTNQIQIIPGTNQAI TPSPSSHKPVPIKP

 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

APIQKSSTTTTPVQSGANVVKLTGGG GNVTLTLPVNNLVNASDTGAPTQLLTASCQ
TGMLNSTRMF LFLAFINVL

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name [SP2 Sp2 transcription factor \[Homo sapiens \]](#)

Official Symbol [SP2](#)

Synonyms SP2; Sp2 transcription factor; transcription factor Sp2; KIAA0048

Gene ID [6668](#)

mRNA Refseq [NM_003110](#)

Protein Refseq [NP_003101](#)

MIM [601801](#)

UniProt ID [Q02086](#)

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