

Recombinant Human SP2 cell lysate

Cat. No. SP2-1676HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	SP2 Sp2 transcription factor [Homo sapiens]
Official Symbol	SP2

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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
Chromosome Location	17q21.3-q22
Function	DNA binding; histone deacetylase binding; metal ion binding; zinc ion binding;

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