

Active Recombinant Full Length Human PC4 And SFRS1 Interacting Protein 1 / PSIP1 Protein

Cat. No. PSIP1-1078H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source E.coli

ProteinLength 1-530 a.a.

Description

The human p75 protein, similar to p52, is a non-TAF transcription coactivator that mediates activator- dependent transcription by RNA Polymerase II in vitro through most tested activators. Although p75 and p52 are derived from alternatively splicing of a single gene and share most coding sequence, they reveal different function in several aspects. In addition to functioning as a transcription coactivator, p75 has been shown to be involved in growth of epithelial cells as a lens epithelial cell-derived growth factor (LEDGF), and in pathogenesis of atopic dermatitis as an autoantigen. Recombinant p75 protein (wild type, 530 amino acids) is isolated from an E.coli strain that carries the coding sequence of human p75 under the control of T7 promoter and purified by an affinity column in combination with FPLC chromatography. Recombinant p75 has been utilized for in vitro function studies, including transcription, splicing, protein-DNA/RNA and protein-protein interactions. Protein is greater than 95% homogeneous and contains no detectable protease, DNase, and RNase activity.

Form Liquid. Supplied in 20mM Tris-HCl pH7.9, 20% glycerol, 100mM KCl, 0.2mM EDTA

 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

	and 1mM DTT.
Activity	1ng is sufficient for a gel mobility shift assay in a 20µl reaction, 20ng are sufficient for reconstituted transcription assay and 100ng are sufficient for a protein-protein interaction assay.
Purity	>95% by SDS-PAGE.
Usage	For in vitro use only.
Storage	Quality guaranteed for 12 months. Store at -80°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	PSIP1 PC4 and SFRS1 interacting protein 1 [Homo sapiens]
Synonyms	PSIP1; PC4 and SFRS1 interacting protein 1; p52; p75; PAIP; DFS70; LEDGF; PSIP2; MGC74712; transcriptional coactivator p52/p75; PC4 and SFRS1 interacting protein 2; OTTHUMP00000022753; OTTHUMP00000022754; OTTHUMP00000022756; CLL-associated antigen KW-7; Transcriptional coactivator p75/p52; Dense fine speckles 70 kDa protein; Lens epithelium-derived growth factor
Gene ID	11168
mRNA Refseq	NM_001128217
Protein Refseq	NP_001121689
MIM	603620
UniProt ID	O75475

 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

Chromosome Location	9p22.2
Pathway	HIV Infection
Function	DNA binding

PDB rendering based on 1z9e.

