

Active Recombinant Human PSIP1

Cat. No. PSIP1-734H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PSIP1 (Accession # NP_066967) Met1-Gln333, fused with , was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Gln333
Predicted N Terminal	Met1
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its ability to enhance neurite outgrowth of E16-E18 rat embryonic cortical neurons.Able to significantly enhance neurite outgrowth when immobilized at 1.5 - 15 µg/mL on a nitrocellulose-coated microplate.
Molecular Mass	Recombinant Human PSIP1 has a calculated MW of 37.7 kDa. In SDS-PAGE migrates as 52 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name	PSIP1 PC4 and SFRS1 interacting protein 1 [Homo sapiens]
Official Symbol	PSIP1
Synonyms	PSIP1; PC4 and SFRS1 interacting protein 1; PC4 and SFRS1 interacting protein 2 , PSIP2; PC4 and SFRS1-interacting protein; LEDGF; p52; p75; DFS 70; CLL-associated antigen KW-7; dense fine speckles 70 kDa protein; transcriptional coactivator p52/p75; transcriptional coactivator p75/p52; lens epithelium-derived growth factor; PAIP; DFS70; PSIP2; MGC74712;
Gene ID	11168
mRNA Refseq	NM_001128217
Protein Refseq	NP_001121689
MIM	603620
UniProt ID	O75475
Chromosome Location	9p22.2

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