



# Recombinant Human Suppressor of SWI4 1 homolog (PPAN)

<b>Product Code</b>	CSB-EP868284HU-B
<b>Abbreviation</b>	PPAN
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9NQ55
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MGQSGRSRHQ KRARAQAQLR NLEAYAANPH SFVFTRGCTG RNIRQLSLDV RRVMEPLTAS RLQVRKKNSL KDCVAVAGPL GVTHFLILSK TETNVYFKLM RLPGGPTLTF QVKKYSLVRD VVSSLRRHRM HEQQFAHPPL LVLNSFGPHG MHVKLMATMF QNLFPSINVH KVNLTNIKRC LLIDYNPDSQ ELDFRHYSIK VVPVGASRGM KLLQEKFPN MSRLQDISEL LATGAGLSES EAEPDGDHNI TELPQAVAGR GNMRAQQSAV RLTEIGPRMT LQLIKVQEGV GEGKVMFHSE VSKTEEELQA ILEAKEKKLR LKAQRQAQA QNVQRKQEQR EAHRKKSLEG MKKARVGGSD EEASGIPSRT ASLELGEDDD EQEDDDIEYF CQAVGEAPSE DLFPEAKQKR LAKSPGRKRK RWEMDRGRGR LCDQKFPKTK DKSQGAQARR GPRGASRDGG RGRGRGRPGK RVA
<b>Source</b>	E.coli
<b>Target Names</b>	PPAN
<b>Protein Names</b>	Recommended name: Suppressor of SWI4 1 homolog Short name= Ssf-1 Alternative name(s): Brix domain-containing protein 3 Peter Pan homolog
<b>Expression Region</b>	1-473
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This protein is an evolutionarily conserved protein similar to yeast SSF1 as well as to the gene product of the Drosophila gene peter pan (ppan). SSF1 is known to be involved in the second step of mRNA splicing. Both SSF1 and ppan are essential for cell growth and proliferation. This gene was found to cotranscript with P2RY11/P2Y(11), an immediate downstream gene on the chromosome that encodes a ATP receptor. The chimeric transcripts of this gene and P2RY11 were found to be ubiquitously present and regulated during granulocytic differentiation. Exogenous expression of this gene was reported to reduce the



anchorage-independent growth of some tumor cells.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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