

Full-Length

## PPAN (Human) Recombinant Protein (P01)

Catalog # H00056342-P01

Size 50 ug

### Specification

<b>Product Description</b>	Human PPAN full-length ORF ( ADZ15410.1, 1 a.a. - 473 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	MGQSGRSRHHQKRARAQAQLRNLEAYAANPHSFVFTRGCTGRNIRQLSLDVRRVMEPLTASRLQV RKKNSLKDCVAVAGPLGVTHFLILSKTETNVYFKLMRLPGGPTLTFQVKKYSLV RDVVSSLRRHR MHEQQFAHPPLLVLNSFGPHGMHVKLMATMFQNLFPSINVHKVNLNTIKRCLLDYNPDSQELDFR HYSIKVVPVGASRGMKKLLQEKFPNMSRLQDISELLATGAGLSESEAEPDGDHNTLPQAVAGR GNMRAQQSAVRLTEIGPRMTLQLIKVQEGVGEGKVMFHSFVSKTEEELQAILEAKEKKLRLKAQR QAQQAQNVQRKQEQREAHKKSLGEMKKARVGGSDDEASGIPSRASLELGEDDDEQEDDDIE YFCQAVGEAPSEDLFPEAKQKRLAKSPGRKRKRWEMDRGRGRLCDQKFPKTKDKSQGAQARR GPRGASRDGGRGRGRGRPGKRVA
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	52.1
<b>Interspecies Antigen Sequence</b>	Mouse (75); Rat (75)
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	Best use within three months from the date of receipt of this protein.

### Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)

- Antibody Production
- Protein Array

## Gene Info — PPAN

Entrez GeneID [56342](#)

GeneBank Accession# [JF432193.1](#)

Protein Accession# [ADZ15410.1](#)

Gene Name PPAN

Gene Alias BXDC3, MGC14226, MGC45852, SSF, SSF1, SSF2

Gene Description peter pan homolog (Drosophila)

Omim ID [607793](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

The protein encoded by this gene 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. [provided by RefSeq]

**Other Designations**

homolog of S. cerevisiae SSF1|peter pan homolog|second-step splicing factor 1|suppressor of SW4 1 homolog|suppressor of sterile four 1