

Product datasheet for **TP761305**

PPAN (NM_020230) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human peter pan homolog (Drosophila) (PPAN), full length, with N-terminal GST and C-terminal His tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length PPAN
Tag:	N-GST and C-His
Predicted MW:	79 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_064615
Locus ID:	56342
UniProt ID:	Q9NQ55
RefSeq Size:	1745
Cytogenetics:	19p13.2
RefSeq ORF:	1419
Synonyms:	BXDC3; SSF; SSF-1; SSF1; SSF2



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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. Exogenous expression of this gene was reported to reduce the anchorage-independent growth of some tumor cells. Read-through transcription of this gene with P2RY11/P2Y(11), an adjacent downstream gene that encodes an ATP receptor, has been found. These read-through transcripts are ubiquitously present and up-regulated during granulocyte differentiation. [provided by RefSeq, Nov 2010]

Protein Families:

Druggable Genome, Stem cell - Pluripotency

Product images: