

PSPC1 抗原（重组蛋白）

中文名称：PSPC1 抗原（重组蛋白）

英文名称：PSPC1 Antigen (Recombinant Protein)

别名：paraspeckle component 1; PSP1

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 194-393 amino acids of human PSPC1

技术规格：

Full name:	paraspeckle component 1
Synonyms:	PSP1
Swissprot:	Q8WXF1
Gene Accession:	BC014184
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a nucleolar protein that localizes to punctate subnuclear structures that occur close to splicing speckles, known as paraspeckles. These paraspeckles are composed of RNA-protein structures that include a non-coding RNA, NEAT1/Men epsilon/beta, and the Drosophila Behavior Human Splicing family of proteins, which include the product of this gene and the P54NRB/NONO and PSF/SFPQ proteins. Paraspeckles may function in the control of gene expression via an RNA nuclear retention mechanism. The protein encoded by this gene is found in paraspeckles in transcriptionally active cells, but it localizes to unique cap structures at the nucleolar periphery when RNA polymerase II tran

scription is inhibited, or during telophase. Alternative splicing of this gene results in multiple transcript variants. A related pseudo gene, which is also located on chromosome 13, has been identified.