9051 Mira Mesa Blvd, #910094
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Tel: 760-390-3989

SPI1 Human

Spi-1 Proto-Oncogene Human Recombinant
RCP2220

Product Overview

Name	SPI1 Human
Description	
Spi-1 Proto-Oncogene Human Recombinant	
Accession (Primary)	P17947
Synonyms	
Transcription factor PU.1, 31 kDa-transforming protein, Transcription factor PU.1 isoform 1, SPI1, OF, PU.1, SFPI1, SPI-1, SPI-A.	
Introduction	
Spi-1 Proto-Oncogene, also known as SPI1, owns ETS-domain transcription factor which activates gene expression during myeloid and Blymphoid cell development. SPI1 binds to a purine-rich sequence called the PU-box which is located near the promoters of target genes, and regulates their expression. SPI1 binds RNA and modulate pre-mRNA splicing. SPI1 is also regulates alternative splicing of target genes.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The SPI1 solution (0.25mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 85.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MLQACKM EGFPLVPPQP SEDLVPYDTD LYQRQTHEYY PYLSSDGESH SDHYWDFHPH HVHSEFESFA ENNFTELQSV QPPQLQQLYR HMELEQMHVL DTPMVPPHPS LGHQVSYLPR MCLQYPSLSP AQPSSDEEEG ERQSPPLEVS DGEADGLEPG PGLLPGETGS KKKIRLYQFL LDLLRSGDMK DSIWWVDKDK GTFQFSSKHK EALAHRWGIQ KGNRKKMTYQ KMARALRNYG KTGEVKKVKK KLTYQFSGEV	

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LGRGGLAERR HPPH.

Precautions

SPI1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P17947)