

## Spi-1 Proto-Oncogene Human Recombinant

<b>Item Number</b>	rAP-4263
<b>Synonyms</b>	Transcription factor PU.1, 31 kDa-transforming protein, Transcription factor PU.1 isoform 1, SPI1, OF, PU.1, SFPI1, SPI-1, SPI-A.
<b>Description</b>	SPI1 Human Recombinant produced in E. coli is a single polypeptide chain containing 294 amino acids (1-271) and having a molecular mass of 33.6kDa. SPI1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P17947
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMLQACKM EGFPLVPPQP SEDLVPYDTD LYQRQTHEYYPYLSSDGESH SDHYWDFHPH HVHSEFESFA ENNFTELQSV QPPQLQQLYR HMELEQMHVL DTPMVP-PHPS LGHQVSYLPR MCLQYPSLSP AQPSSDEEEG ERQSPPLEVS DGEADGLEPG PGLLPGETGS KKKIRLYQFL LDLLRSGDMK DSIWWVDKDK GTFQFSSKHK EALAHRWGIQ KGNRKKMTYQ KMARALRNYG KTGEVKKVKK KLTYQFSGEV LGRGGLAERR HPPH.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear solution. 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.
<b>Formulation and Purity</b>	The SPI1 solution (0.25mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol. Greater than 85.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**