

32-13452: SPI1 Human

Alternative Name : Transcription factor PU.1, 31 kDa-transforming protein, Transcription factor PU.1 isoform 1, SPI1, OF, PU.1, SFPI1, SPI-1, SPI-A.

Description

Source: Escherichia Coli.

Sterile Filtered clear solution.

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.

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.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 85.0% as determined by SDS-PAGE.

Content : The SPI1 solution (0.25mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol.

Storage condition : 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.

Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSMLQACKM EGFPLVPPQP SEDLVPYDTD LYQRQTHEY
PYLSSDGESH SDHYWDFHPH HVHSEFESFA ENNFTELQSV QPPQLQQLYR HMELEQMHVL
DTPMVPPHPS LGHQVSYLPR MCLQYPSLSP AQPSSDEEEG ERQSPPLEVS DGEADGLEPG PGLLPGETGS
KKKIRLYQFL LDLLRSGDMK DSIWWVDKDK GTFQFSSKHK EALAHRWGIQ KGNRKKMTYQ
KMARALRNYG KTGEVKKVKK KLTYQFSGEV LGRGGLAERR HPPH.