

# **Product datasheet for AR51789PU-S**

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## SPI1 / PU.1 (1-271, His-tag) Human Protein

#### **Product data:**

**Product Type:** Recombinant Proteins

**Description:** SPI1 / PU.1 (1-271, His-tag) human recombinant protein, 50 μg

Species: Human
Expression Host: E. coli

**Expression cDNA Clone** 

or AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSMLQACKM EGFPLVPPQP SEDLVPYDTD LYQRQTHEYY
PYLSSDGESH SDHYWDFHPH HVHSEFESFA ENNFTELQSV QPPQLQQLYR HMELEQMHVL

DTPMVPPHPS LGHQVSYLPR MCLQYPSLSP AQPSSDEEG ERQSPPLEVS DGEADGLEPG PGLLPGETGS KKKIRLYQFL LDLLRSGDMK DSIWWVDKDK GTFQFSSKHK EALAHRWGIQ

KGNRKKMTYQ KMARALRNYG KTGEVKKVKK KLTYQFSGEV LGRGGLAERR HPPH

Tag: His-tag
Predicted MW: 33.6 kDa
Concentration: lot specific

Purity: >85% by SDS - PAGE

**Buffer:** Presentation State: Purified

State: Liquid purified protein

Buffer System: 20 mM Tris-HCl (pH 8.0) containing 10% glycerol

**Preparation:** Liquid purified protein

**Protein Description:** Recombinant SPI1, fused to His-tag at N-terminus, was expressed in E.coli.

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

**Stability:** Shelf life: one year from despatch.

**RefSeg:** NP 001074016

 Locus ID:
 6688

 UniProt ID:
 P17947

 Cytogenetics:
 11p11.2

Synonyms: OF; PU.1; SFPI1; SPI-1; SPI-A





Summary: This gene encodes an ETS-domain transcription factor that activates gene expression during

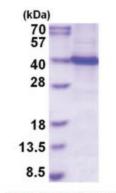
myeloid and B-lymphoid cell development. The nuclear protein binds to a purine-rich sequence known as the PU-box found near the promoters of target genes, and regulates their expression in coordination with other transcription factors and cofactors. The protein can also regulate alternative splicing of target genes. Multiple transcript variants encoding

different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

**Protein Families:** Transcription Factors

**Protein Pathways:** Acute myeloid leukemia, Pathways in cancer

### **Product images:**



15% SDS-PAGE (3ug)