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Product datasheet for AR51789PU-N

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, 0.25 mg
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 AQPSSDEEEG 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: This purified protein is available in a denatured form, making it less suitable for functional studies. Denatured proteins are better suited for applications like Western Blot (WB) or imaging assays. 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.
RefSeq:	NP_001074016
Locus ID:	6688
UniProt ID:	P17947
Cytogenetics:	11p11.2
Synonyms:	Transcription factor PU.1, SPI-1 proto-oncogene, SFPI1

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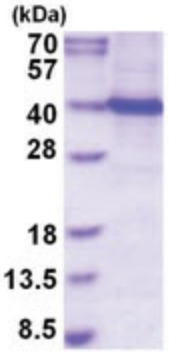
Summary: This gene encodes an ETS-domain transcription factor that activates gene expression during myeloid and B-lymphoid cell development. The nuclear protein binds to a purine-rich sequence known as the PU-box found near the promoters of target genes, and regulates their expression in coordination 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)

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