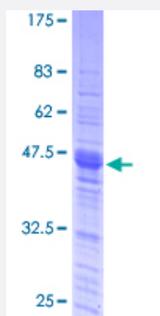


SPI1 (Human) Recombinant Protein (Q01)

Catalog # H00006688-Q01 Size 10 ug, 25 ug

Applications



Specification

Product Description	Human SPI1 partial ORF (NP_003111, 1 a.a. - 120 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MEGFPLVPPPSDELVPYDLDLYQRQTHEYYPYLSSDGESHSDHYWDFPHPHVHSEFESFAENNF TELQSVQPPQLQQLYRHMELEQMHVLDTPMVPPHPSLGHQVSYLPRMCLQYPSLSP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	38.94
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SPI1

Entrez GeneID [6688](#)

GeneBank Accession# [NM_003120](#)

Protein Accession# [NP_003111](#)

Gene Name SPI1

Gene Alias OF, PU.1, SFPI1, SPI-1, SPIA

Gene Description spleen focus forming virus (SFFV) proviral integration oncogene spi1

Omim ID [165170](#)

Gene Ontology [Hyperlink](#)

Gene 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]

Other Designations 31 kDa transforming protein|SPI-1 proto-oncogene|hematopoietic transcription factor PU.1

Pathway

- [Acute myeloid leukemia](#)
- [Pathways in cancer](#)

Disease

- [Leukemia](#)