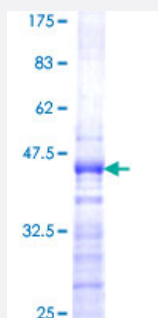


SP110 (Human) Recombinant Protein (Q01)

Catalog # H00003431-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SP110 partial ORF (NP_004501, 271 a.a. - 380 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	TPSDKKGKKRKRCIWSTPKRRHKKKSLPRGTASSRHGIQKKLKRVDQVPQKKDDSTCNSTVETR AQKARTECARKSRSEEIIDGTSEMNEGKRSQKTPSTPRRVTQGAAS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Interspecies Antigen Sequence	Rat (48)
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 — SP110

Entrez GeneID [3431](#)

GeneBank Accession# [NM_004510](#)

Protein Accession# [NP_004501](#)

Gene Name SP110

Gene Alias FLJ22835, IFI41, IFI75, IPR1, VODI

Gene Description SP110 nuclear body protein

Omim ID [235550](#) [604457](#) [607948](#)

Gene Ontology [Hyperlink](#)

Gene Summary The nuclear body is a multiprotein complex that may have a role in the regulation of gene transcription. This gene is a member of the SP100/SP140 family of nuclear body proteins and encodes a leukocyte-specific nuclear body component. The protein can function as an activator of gene transcription and may serve as a nuclear hormone receptor coactivator. In addition, it has been suggested that the protein may play a role in ribosome biogenesis and in the induction of myeloid cell differentiation. Alternative splicing has been observed for this gene and three transcript variants, encoding distinct isoforms, have been identified. [provided by RefSeq]

Other Designations interferon-induced protein 41, 30kD|interferon-induced protein 75, 52kD|phosphoprotein 41|phosphoprotein 75|transcriptional coactivator Sp110

Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)

- [Genetic Predisposition to Disease](#)
- [Graft vs Host Disease](#)
- [Hepatitis C](#)
- [HIV Infections](#)
- [Tuberculosis](#)
- [Viremia](#)