

Recombinant Human SP140 protein, His & T7-tagged

Cat. No. SP140-1467H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SP140 aa. (Gly443~Met655 (Accession # Q13342)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Gly443~Met655
Description	This gene encodes a member of the SP100 family of proteins, which are share common domains including an N-terminal homogeneously staining region domain followed by a SP100/autoimmune regulator/NucP41/P75/deformed epidermal autoregulatory factor domain, a plant homeobox zinc finger, and a bromodomain. The encoded protein is interferon-inducible and is expressed at high levels in the nuclei of leukocytes. Variants of this gene have been associated with multiple sclerosis, Crohn's disease, and chronic lymphocytic leukemia. Alternative splicing results in multiple variants.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.9kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	10.3

GENE INFORMATION

Gene Name	SP140 SP140 nuclear body protein [Homo sapiens (human)]
Official Symbol	SP140
Synonyms	SP140; SP140 nuclear body protein; LYSP100; LYSP100-A; LYSP100-B; nuclear body protein SP140; lymphoid-restricted homolog of Sp100; lymphoid-specific SP100 homolog; nuclear autoantigen Sp-140; speckled 140 kDa
Gene ID	11262
mRNA Refseq	NM_001005176.2
Protein Refseq	NP_001005176.1

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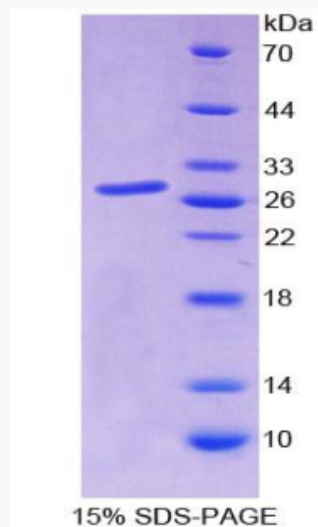
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UniProt ID

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SDS-PAGE

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