Recombinant Human SP140L, His&FLAG-tagged

Cat. No. SP140L-77H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SP140L corresponding to amino acids 401-580 that contains the bromodomain sequences of SP140L (accession number NP_612411.4) was expressed in E. coli and contains an N-terminal His tag and C-terminal FLAG tag with an observed molecular weight of 27.4 kDa.
Species	Human
Source	E.coli
ProteinLength	401-580 a.a.
Description	SP140 nuclear body protein-like (SP140L) is a protein with significant sequence similarity to SP140, a component of the nuclear body that may be involved in trafficking between the nucleus and the cytoplasm. The protein is expressed as four isoforms produced by alternative splicing, SP140L contains one HSR domain, one PHD-type zinc finger, a bromodomain and one SAND domain. The bromodomain functions as a "reader" of epigenetic histone marks and regulates chromatin structure and gene expression by linking associated proteins to the recognized acetylated nucleosomal targets.
Form	25 mM HEPES pH 7.5, 150 mM NaCl and 5% glycerol.
Applications	Binding assays, inhibitor screening, and selectivity profiling.
Storage	Recombinant proteins in solution are temperature sensitive and must be stored at -

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

	80°C to prevent degradation. Avoid repeated freeze/thaw cycles and keep on ice when not in storage.
Concentration	7.5 mg/ml

GENE INFORMATION

Gene Name	SP140L SP140 nuclear body protein-like [Homo sapiens]
Official Symbol	SP140L
Synonyms	SP140L; SP140 nuclear body protein-like; nuclear body protein SP140-like protein; MGC132667;
Gene ID	93349
mRNA Refseq	NM_138402
Protein Refseq	NP_612411
UniProt ID	Q9H930
Chromosome Location	2q37.1
Function	DNA binding; binding; metal ion binding; zinc ion binding;

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