

## Recombinant Human SP140L, His&FLAG-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	401-580 a.a.
<b>Description</b>	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.
<b>Form</b>	25 mM HEPES pH 7.5, 150 mM NaCl and 5% glycerol.
<b>Applications</b>	Binding assays, inhibitor screening, and selectivity profiling.
<b>Storage</b>	Recombinant proteins in solution are temperature sensitive and must be stored at -

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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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