

Recombinant Human SUPT5H Protein, His&GST-tagged

Cat. No. SUPT5H-2108H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SUPT5H Protein (Asp176-Val270) with N-His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Asp176-Val270
Description	Enables enzyme binding activity and protein heterodimerization activity. Involved in positive regulation of macroautophagy; regulation of RNA metabolic process; and transcription elongation from RNA polymerase II promoter. Located in nucleoplasm. Part of DSIF complex.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 40.9 kDa Accurate Molecular Mass: 41 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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 centigrade for

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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 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

SUPT5H suppressor of Ty 5 homolog (*S. cerevisiae*) [*Homo sapiens* (human)]

Official Symbol

SUPT5H

Synonyms

SUPT5H; suppressor of Ty 5 homolog (*S. cerevisiae*); suppressor of Ty (*S.cerevisiae*) 5 homolog; transcription elongation factor SPT5; FLJ34157; SPT5; SPT5H; hSPT5; DSIF p160; DSIF large subunit; Tat-cotransactivator 1 protein; DRB sensitivity-inducing factor large subunit; DRB sensitivity-inducing factor 160 kDa subunit; Tat-CT1;

Gene ID

6829

mRNA Refseq

NM_001111020

Protein Refseq

NP_001104490

MIM

602102

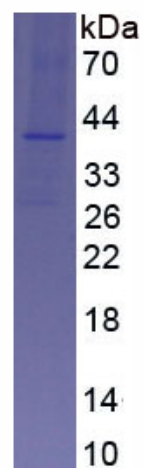
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UniProt ID

O00267



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