

# Recombinant Human SUPT5H Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** SUPT5H-959H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | SUPT5H MS Standard C13 and N15-labeled recombinant protein (NP_003160) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Description</b>      | SUPT5H (SPT5 Homolog, DSIF Elongation Factor Subunit) is a Protein Coding gene. Diseases associated with SUPT5H include Immunodeficiency With Hyper-Igm, Type 2 and Schuurs-Hoeijmakers Syndrome. Among its related pathways are HIV Transcription Elongation and Chromatin Regulation / Acetylation. Gene Ontology (GO) annotations related to this gene include chromatin binding.                                                                                                         |
| <b>Molecular Mass</b>   | 120.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>AA Sequence</b>      | MSDSEDSNFSEEDSERSSDGEEAEVDEERRSAAGSEKEEPEDEEEEEEEEEYYD<br>EEEEEEEDDRPPKKPRHGGFILDEADVDDYEDEDQWEDGAEDILEKEEIEASNIDN<br>VVLDEDRSGARRLQNLWRDQREEELGEYYMKKYAKSSVGETVYGGSDLSDDITQ<br>QQLPGVKDPNLWTVKCKIGEERATAISLMRKFIAYQFTDTPLQIKSVVAPEHVKGYI<br>YVEAYKQTHVKQAIEGVGNLRLGYWNQQMVPIKEMTDVLKVVEVANLKP KSWVRL<br>KRGYKDDIAQVDYVEPSQNTISLKMIPRIDYDRIKARMSLKDWFAKRKKFKRPPQRL<br>FDAEKIRSLGGDVASDGDFLIFEGNRYSRKGLFKSFAMSAVITEGVKPTLSELEKFE<br>DQPEGIDLEVVTSTGKEREHNFQPGDNVEVCEGELINLQGKILSVDGNKITIMPKHE |

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DLKDMLEFPAQELRKYFKMGDHSVVIAGRFEGDTGLIVRVEENFVILFSDLTMHELKV  
 LPRDLQLCSETASGVDVGGQHEWGELVQLDPQTVGVVRLERETFQVLNMYGKVV  
 TVRHQAVTRKKDNRFVALDSEQNNIHVKDIVKVIDGPHSGREGEIRHLFRSFAFLH  
 CKKLVENGGMFVCKTRHLVLAGGSKPRDVTNFTVGGFAPMSPRISSPMHPSAGGQ  
 RGGFGSPGGGSGGMSRGRGRRDNELIGQTVRISQGPYKGYIGVVKDATESTARVE  
 LHSTCQTISVDRQRLTTVGSRRPGGMTSTYGRTPMYGSQTPMYGSGSRTPMYGS  
 QTPLQDGSRTPHYGSQTPLHDGSRTPAQSGAWDPNNPNTPSRAEEEEYEYAFDDEP  
 TPSPQAYGGTPNPQTPGYDPSSPQVNPQYNPQTPGTPAMYNTDQFSPYAAPSPQ  
 GSYQPSPSPQSYHQVAPSPAGYQNTHSPASYHPTSPMAYQASPSPPVGYSPMT  
 PGAPSPGGYNPHTPGSGIEQNSSDWVTTDIQVKVRDITYLDTQVVGQTVIRSVTGG  
 MCSVYLKDSEKVVSSISSEHLEPITPTKNNKVKVILGEDREATGVLLSIDGEDGIVRMDL  
 DEQLKILNLRFLGKLLLEATRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** SUPT5H SPT5 homolog, DSIF elongation factor subunit [ Homo sapiens (human) ]

**Official Symbol** SUPT5H

**Synonyms** SUPT5H; suppressor of Ty 5 homolog (S. cerevisiae); suppressor of Ty (S.cerevisiae)

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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](#)

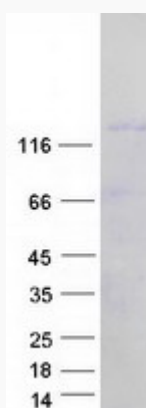
**mRNA Refseq** [NM\\_003169](#)

**Protein Refseq** [NP\\_003160](#)

**MIM** [602102](#)

**UniProt ID** [O00267](#)

**SDS-PAGE**



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