

Recombinant Full Length Human SUPT5H Protein, C-Flag-tagged

Cat. No. SUPT5H-1182HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SUPT5H Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	120.8 kDa
AA Sequence	MSDSSEDSNFSEEEEDSERSSDGEEAEVDEERRSAAGSEKEEEPEDEEEEEEEEEEEYD EEEEEEEDDDRPPKKP RHGGFILDEADVDEYEDEDQWEDGAEDILEKEEIEASNID NVVLDEDRSGARRLQNLWRDQREEELGEY YMKKYAKSSVGETVYGGSDLSDDIT QQQLLPGVKDPNLWTVKCKIGEERATAISLMRKFIAYQFTDTPL QIKSVVAPEHVKG YIYVEAYKQTHVKQAIEGVGNLRLGYWNQQMVPIKEMTDVLKVVKEVANLKPКСWV R LKRGYKDDIAQVDYVEPSQNTISLKMIPRIDYDRIKARMSLKDWFAKRKKFKRPPQ RLFDAEKIRSLGG DVASDGDFLIFEGNRYSRKGFLFKSFAMSAVITEGVKPTLSELEK FEDQPEGIDLEVVTSTGKEREHNF QPGDNVEVCEGELINLQGKILSVDGNKITIMP

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KHEDLKDMLEFPAQELRKYFKMGDHSVVIAGRFEGDTG LIVRVEENFVILFSDLTMH
 ELKVLPRDLQLCSETASGVDVGGQHEWGELVQLDPQTVGVIVRLERETFQV LNMY
 GKVTVVRHQAVTRKKDNRFVAVALDSEQNNIHVKDIVKVIDGPHSGREGEIRHLFRSF
 AFLHCKKL V ENGGMFVCKTRHLVLAGGSKPRDVTNFTVGGFAPMSPRISSPMHPS
 AGGQRGGFGSPGGGSGGMSRGRGR RDNELIGQTVRISQGPYKGYIGVVKDATES
 TARVELHSTCQTISVDRQRLTTVGSRPGGMTSTYGRTPM YGSQTPMYGSGSRTP
 MYGSQTPLQDGSRTPHYGSQTPLHDGSRTPAQSGAWDPNNPNTPSRAEEYEYA
 F DDEPTPSPQAYGGTPNPQTPGYDPSSPQVNPQYNPQTPGTPAMYNTDQFSPY
 AAPSPQGSYQPSPSPQS YHQVAPSPAGYQNTHSPASYHPTSPMAYQASPSPP
 VGYSMPMPGAPSPGGYNPHTPGSGIEQNSSDWV TTDIQVKVRDTYLDQVVGQTG
 VIRSVTGGMCSVYLKDSEKVVSSISSEHLEPITPTKNNKVKVILGEDRE
 ATGVLLSIDGEDGIVRMDLDEQLKILNLRFLGKLLLEATRTRPLEQKLISEEDLAANDILD
 YKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transcription Factors
Full Length	Full L.

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GENE INFORMATION

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

Official Symbol SUPT5H

Synonyms SPT5; SPT5H; Tat-CT1

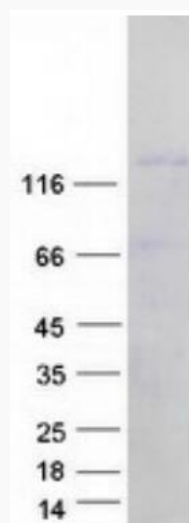
Gene ID 6829

mRNA Refseq NM_003169.4

Protein Refseq NP_003160.2

MIM 602102

UniProt ID O00267



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Coomassie blue staining of purified SUPT5H protein.

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