

Recombinant Human SUPT4H1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SUPT4H1-6165H **Lot. No.** (See product label)

SPECIFICATION

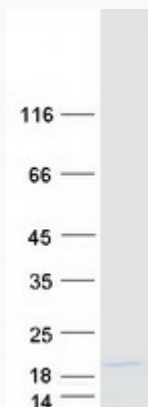
Product Overview	SUPT4H1 MS Standard C13 and N15-labeled recombinant protein (NP_003159) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes the small subunit of DRB (5,6-dichloro-1-beta-d-ribofuranosylbenzimidazole) sensitivity-inducing factor (DSIF) complex, which regulates mRNA processing and transcription elongation by RNA polymerase II. The encoded protein is localized to the nucleus and interacts with the large subunit (SUPT5H) to form the DSIF complex. Related pseudogenes have been identified on chromosomes 2 and 12. Alternatively spliced transcript variants have been found for this gene.
Molecular Mass	13.2 kDa
AA Sequence	MALETVPKDLRHLRACLLCSLVKTIDQFEYDGCNCDAYLQMKGNREMYDCTSSS FDGIIAMMSPEDSWVSKWQRVSNFKPGVYAVSVTGRLPQGIVRELKSRGVAYKSRD TAIKTTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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.

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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	SUPT4H1 SPT4 homolog, DSIF elongation factor subunit [Homo sapiens (human)]
Official Symbol	SUPT4H1
Synonyms	SUPT4H1; suppressor of Ty 4 homolog 1 (S. cerevisiae); suppressor of Ty (S.cerevisiae) 4 homolog 1, SUPT4H; transcription elongation factor SPT4; SPT4H; hSPT4; DSIF p14; DSIF small subunit; DRB sensitivity-inducing factor small subunit; DRB sensitivity-inducing factor 14 kDa subunit; SPT4; SUPT4H;
Gene ID	6827
mRNA Refseq	NM_003168
Protein Refseq	NP_003159
MIM	603555
UniProt ID	P63272

SDS-PAGE

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