

## Product datasheet for TP301211

### Suppressor of Ty 4 homolog 1 (SUPT4H1) (NM\_003168) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human suppressor of Ty 4 homolog 1 ( <i>S. cerevisiae</i> ) (SUPT4H1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201211 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MALETVPKDLRHLRACLLCSLVKTIDQFEYDGCNCDAYLQMKGNREMVYDCTSSSFDGIAMMSPEDSW VSKWQRVSNFKPGVYAVSVTGRLPQGIVRELKSRGVAYKSRDTAIKT
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	13 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_003159</a>
Locus ID:	6827
UniProt ID:	<a href="#">P63272</a>
RefSeq Size:	1545
Cytogenetics:	17q22



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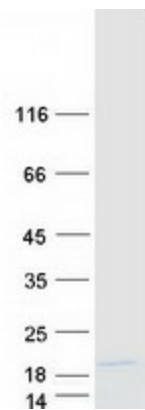
RefSeq ORF: 351

Synonyms: SPT4; SPT4H; Supt4a; SUPT4H

**Summary:** 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. [provided by RefSeq, Nov 2012]

**Protein Families:** Transcription Factors

### Product images:



Coomassie blue staining of purified SUPT4H1 protein (Cat# TP301211). The protein was produced from HEK293T cells transfected with SUPT4H1 cDNA clone (Cat# [RC201211]) using MegaTran 2.0 (Cat# [TT210002]).