

Product datasheet for PH301211

Suppressor of Ty 4 homolog 1 (SUPT4H1) (NM_003168) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SUPT4H1 MS Standard C13 and N15-labeled recombinant protein (NP_003159)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201211
Predicted MW:	13.2 kDa
Protein Sequence:	>RC201211 protein sequence Red=Cloning site Green=Tags(s) MALETVPKDLRHLRACLCLSLVKTIDQFEYDGCNCDAYLQMKGNREMYDCTSSSFDGIIAMSPEDSW VSKWQRVSNFKPGVYAVSVTGRLPQGI VRELKSRGVAYKSRDTAIKT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_003159
RefSeq Size:	1545
RefSeq ORF:	351
Synonyms:	SPT4; SPT4H; Supt4a; SUPT4H
Locus ID:	6827
UniProt ID:	P63272
Cytogenetics:	17q22



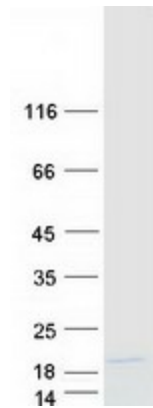
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Summary:

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]).