

Recombinant Human SUPT4H1

Cat. No. SUPT4H1-31480TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Suppressor of Ty 4 homolog 1 with N terminal proprietary tag; Predicted MWt 38.94 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	117 amino acids
Description	Transcription elongation factor SPT4 is a protein that in humans is encoded by the SUPT4H1 gene.
Molecular Weight	38.940kDa inclusive of tags
Tissue specificity	Widely expressed.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Sequences of amino acids MALETVPKDLRHLRACLLCSLVKTIDQFEYDGCNCDAYL QMKGNREMVYDCTSS
SFDGIIAMMSPEDSWVSKWQRVSNF KPGVYAVSVTGRLPQGIVRELKSRGVAYKS
RDTAIKT

Sequence Similarities Belongs to the SPT4 family.

GENE INFORMATION

Gene Name SUPT4H1 suppressor of Ty 4 homolog 1 (S. cerevisiae) [Homo sapiens]

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;

Gene ID 6827

mRNA Refseq NM_003168

Protein Refseq NP_003159

MIM 603555

Uniprot ID P63272

Chromosome Location 17q21-q23

Pathway Abortive elongation of HIV-1 transcript in the absence of Tat, organism-specific biosystem; Formation and Maturation of mRNA Transcript, organism-specific biosystem; Formation of HIV-1 elongation complex containing HIV-1 Tat, organism-

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

specific biosystem; Formation of HIV-1 elongation complex in the absence of HIV-1 Tat, organism-specific biosystem; Formation of RNA Pol II elongation complex, organism-specific biosystem;

Function

metal ion binding; protein binding; protein heterodimerization activity; sequence-specific DNA binding transcription factor activity; zinc ion binding;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA