

Recombinant Human SUPT5H, GST-tagged

Cat. No. SUPT5H-181H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SUPT5H(807-1087aa) was expressed as gst-tagged fusion protein by E. coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	807-1087 a.a.
Description	Transcription elongation factor SPT5 is a protein that in humans is encoded by the SUPT5H gene. SUPT5H has been shown to interact with Cyclin-dependent kinase 7, PIN1, CDK9, HTATSF1, POLR2A, PRMT1 and Protein arginine methyltransferase 5.
AA-Sequence	807-1087aa
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.
Storage	Store in PBS buffer at -20 oC. Repeated freezethaw cycles should be avoided.
OfficialSymbol	SUPT5H

GENE INFORMATION

Gene Name	SUPT5H suppressor of Ty 5 homolog (<i>S. cerevisiae</i>) [<i>Homo sapiens</i>]
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Synonyms	SUPT5H; suppressor of Ty 5 homolog (S. cerevisiae); suppressor of Ty (S.cerevisiae) 5 homolog; transcription elongation factor SPT5; FLJ34157; SPT5; SPT5H
Gene ID	6829
mRNA Refseq	NM_001111020
Protein Refseq	NP_001104490
MIM	602102
UniProt ID	O00267
Chromosome Location	19q13
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-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	Enzyme binding; protein binding;protein heterodimerization activity