

Recombinant Human SUPT5H protein, His-tagged

Cat. No. SUPT5H-3011H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SUPT5H protein(807-1087 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	807-1087 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	PLHDGSRTPAQSGAWDPNNPNTPSRAEEYEYAFDDEPTPSPQAYGGTPNPQTPG YPDPSSPQVNPQYNPQTPGTPAMYNTDQFSPYAAPSPQGSYQSPSPQSYHQVA PSPAGYQNTHTSPASYHPTSPMAYQASPSPPVGYSPMTPGAPSPGGYNPHTPGS GIEQNSSDWVTTDIQVKVRDYLDTQVVGQTGVIRSVTGGMCSVYLKDSEKVVSISS EHLEPITPTKNNKVKVILGEDREATGVLLSIDGEDGIVRMDLDEQLKILNLRFLGKLE A
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

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repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name

SUPT5H suppressor of Ty 5 homolog (*S. cerevisiae*) [*Homo sapiens*]

Official Symbol

SUPT5H

Synonyms

SUPT5H; suppressor of Ty 5 homolog (*S. cerevisiae*); suppressor of Ty (*S. cerevisiae*) 5 homolog; transcription elongation factor SPT5; FLJ34157; SPT5; SPT5H; hSPT5; DSIF p160; DSIF large subunit; Tat-cotransactivator 1 protein; DRB sensitivity-inducing factor large subunit; DRB sensitivity-inducing factor 160 kDa subunit; Tat-CT1;

Gene ID

6829

mRNA Refseq

NM_001111020

Protein Refseq

NP_001104490

MIM

602102

UniProt ID

O00267

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SDS-PAGE



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