

Recombinant Human SUPT5H protein, GST-tagged

Cat. No. SUPT5H-3057H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SUPT5H protein(807-1087 aa), fused with N-terminal GST 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 8.0). 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 100 mM reduced glutathione (GSH).
AASequence	PLHDGSRTPAQSGAWDPNNPNTPSRAEEYEYAFDDEPTPSPQAYGGTPNPQTPG YPDPSSPQVNPQYNPQTPGTPAMYNTDQFSPYAAPSPQGSYQPSPPQSYHQVA PSPAGYQNTHTSPASYHPTSPMAYQASPPSPVGYSPMTPGAPSPGGYNPHTPGS GIEQNSSDWVTTDIQVKVRDYLDTQVVGQTGVIRSVTGGMCSVYLKDSEKVVSISS EHLEPITPTKNNKVKVILGEDREATGVLLSIDGEDGIVRMDLDEQLKILNLRFLGKLL A
Purity	90%, 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,

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reconstitution with sterile water and addition of an equal volume of glycerol. Avoid 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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