

Recombinant Human HTATSF1, His-tagged

Cat. No. HTATSF1-14000H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HTATSF1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-350a.a.
Description	The protein encoded by this gene functions as a cofactor for the stimulation of transcriptional elongation by HIV-1 Tat, which binds to the HIV-1 promoter through Tat-TAR interaction. This protein may also serve as a dual-function factor to couple transcription and splicing and to facilitate their reciprocal activation. Alternatively spliced transcript variants have been found for this gene.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	HTATSF1 HIV-1 Tat specific factor 1 [Homo sapiens]
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Official Symbol	HTATSF1
Synonyms	HTATSF1; HIV-1 Tat specific factor 1; HIV TAT specific factor 1; HIV Tat-specific factor 1; TAT SF1; cofactor required for Tat activation of HIV-1 transcription; TAT-SF1; dJ196E23.2;
Gene ID	27336
mRNA Refseq	NM_001163280
Protein Refseq	NP_001156752
MIM	300346
UniProt ID	O43719
Chromosome Location	Xq26.3
Function	RNA binding; nucleic acid binding; nucleotide binding;

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