

Recombinant Human HTATSF1 Protein, GST-tagged

Cat. No. HTATSF1-5254H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HTATSF1 full-length ORF (ABW03796.1 , 1 a.a. - 755 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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
Molecular Mass	109.45 kDa
AA Sequence	MSGTNLDGNDEFDEQLRMQELYGDGKDGDGTQTDAGGEPDSLGGQQPTDTPYEWDL DKKAWFPKITEDFIATYQANYGFSNDGASSSTANVEDVHARTAEPPQEKAPEPTD ARKKGEKRKAESGWFWHVEEDRNTNVYVSGLPDITVDEFIQLMSKFGIIMRDPQTEE FKVKLYKDNQGNLKGDLCCYLKRESVELALKLLDEDEIRGYKLHVEVAKFQLKGEY DASKKKKKCKDYKKKLSMQQKQLDWRPERRAGPSRMRHERVVIIKNMFHPMDFED DPLVLNEIREDLRVECSKFGQIRKLLLFDRHPDGVASVSFRDPPEEADYCIQTLDGRW FGGRQITAQAWDGTDDYQVEETSREREERLRGWEAFLNAPEANRGLRRSDSVSAS ERAGPSRARHFSEHPSTSKMNAQETATGMAFEPIDEKKFEKTEDGGEFEEGASEN NAKESSPEKEAEEGCPEKESEEGCPKRGFEGSCSQKESEEGNPVRGSEEDSPKKE

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SKKKTLKNDCEENGLAKESEDDLNKESEEEVGPTKESEEDDSEKESDEDCSEKQSE
 DGSEREFEEENGLEKDLDEEGSEKELHENVLDKELEENDSENSEFEDDGSEKVLDEE
 GSEREFDEDSDEKEEEEEDTYEKVFDDDESDEKEDEEYADEKGLEAADKKAEEGDAD
 EKLFEESDDKEDEDADGKEVEDADEKLFEDDDSNELKFDEEEDSSEKLFDDSDERG
 TLGGFGSVEEGPLSTGSSFILSSDDDDDDI

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

HTATSF1 HIV-1 Tat specific factor 1 [Homo sapiens]

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

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Protein Refseq	NP_001156752
MIM	300346
UniProt ID	O43719

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