

Full-Length

HTATSF1 (Human) Recombinant Protein (P01)

Catalog # H00027336-P01

Size 50 ug

Specification

Product Description

Human HTATSF1 full-length ORF (ABW03796.1 , 1 a.a. - 755 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSGTNLDGNDEFDEQLRMQELYGDGKDGDGTQTDAGGEPDSLGGQPTDTPYEWDLDDKAWFPK
ITEDFIATYQANYGFSNDGASSSTANVEDVHARTAEPPQEKAPEPTDARKKGEKRKAESGWFH
VEEDRNTNVYVSGLPDITVDEFIQLMSKFGIIMRDPQTEEFKVLYKDNQGNLKGDLCCYLKRE
SVELALKLLDEDEIRGYKLHVEVAKFQLKGEYDASKKKKKCKDYKKKLSMQQKQLDWRPERRAG
PSRMRHERVVIIKNMFHPMDFEDDPLVLNEIREDLRVECSKFGQIRKLLLFDRHPDGVASVSFRD
PEEADYCIQTL DGRWFGGRQITAAWDGTTD YQVEETSREEREERLRGWEAFLNAPEANRGLRRS
DSVSASERAGPSRARHFSEHPSTSKMNAQETATGMAFEEDIDEKKFEKTEDGGEFEEGASENN
AKESSPEKEAEEGCPKEKESEEGCPKRGFEGSCSQKESEEGNPVRGSEEDSPKKESKKKTLKN
DCEENGLAKESEDDL NKESEEEVGPTKESEEDDSEKESDEDCSEKQSEDGSEREFEENGLEK
DLDEEGSEKELHENVLDKELEENDSENSEFEDDGSEKVLDEEGSEREFDEDSDEKEEEEEDTYE
KVFDDDESDEKEDEEYADEKGLEAADKKAEEGDADEKLFEESSDDKEDEADGKEVEDADEKLF
EDDSNEKLFDEEEDSSEKLFDDSDERGTGGFGSVVEEGPLSTGSSFILSSDDDDDDDI

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

109.45

Interspecies Antigen Sequence

Mouse (75); Rat (74)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Storage Buffer

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

Storage Instruction

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

Note

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

Applications

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

Gene Info — HTATSF1

Entrez GeneID [27336](#)

GeneBank Accession# [EU176345.1](#)

Protein Accession# [ABW03796.1](#)

Gene Name HTATSF1

Gene Alias TAT-SF1, dJ196E23.2

Gene Description HIV-1 Tat specific factor 1

Omim ID [300346](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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

Other Designations HIV TAT specific factor 1|OTTHUMP00000024126|cofactor required for Tat activation of HIV-1 transcription

Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)