

Product datasheet for **SC327646**

HIV TAT specific factor 1 (HTATSF1) (NM_001163280) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HIV TAT specific factor 1 (HTATSF1) (NM_001163280) Human Untagged Clone
Tag:	Tag Free
Symbol:	HIV TAT specific factor 1
Synonyms:	dj196E23.2; TAT-SF1; TATSF1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001163280, the custom clone sequence may differ by one or more nucleotides

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ATGAGCGGCACCAACTTGGATGGGAACGATGAGTTTGTGATGAGCAGTTGCGAATGCAAGAA
TTGTACGGAGACGGCAAGGATGGTGACACCCAGACCGATGCCGGCGGAGAACCCGATTCT
CTCGGGCAGCAGCCGACGGACACTCCCTACGAGTGGGACCTGGACAAAAAGGCTTGGTTC
CCCAAGATTACTGAAGATTTTCATTGCTACATATCAGGCCAATTATGGCTTCTCTAACGAT
GGCGCATCTAGTTCTACCGCAAATGTTGAAGATGCCATGCTAGGACTGCAGAGGAACCT
CCACAAGAAAAAGCCCCGGAACCCACTGATGCCAGAAAGAAAGGGAGAAAAAGAAAGGCT
GAGTCAGGATGGTTTCATGTTGAAGAAGACAGAAATACAATGTATACGTGTCTGGTTTG
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CCGTTGGTGTGAATGAGATCAGAGAAGACCTTCGAGTAGAGTGTTCGAAGTTTGGACAA
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GATCCAGAGGAAGCTGATTATTGATTTCAGACTCTCGATGGAAGATGGTTTGGTGGCCGT
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CATTTTTTCAGAGCACCCAGCACATCTAAAATGAATGCTCAAGAACTGCAACTGGAATG
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TCCGAAAGAGAATTTGAAGAAAATGGTCTCGAGAAAGATTTGGACGAGGAAGGTTCTGAA
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GAATTTGAAGATGACGGCTCTGAAAAAGTGTAGATGAGGAAGGCTCTGAGAGAGAGTTT
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AAAAAGGCGGAAGAAGGTGATGCAGATGAAAAGCTGTTTGAAGAGTCAAGATGACAAGGAA
GATGAAGATGCAGATGAAAAGGAAGTTGAAGATGCTGACGAAAAGTTGTTTGAAGATGAT
GATTCGAATGAGAAGTTGTTTGTGAGGAGGAAGATCCAGTGAAGAGTTGTTTGAAGAT
TCTGATGAGAGGGGACTTTGGGTGGTTTTGGGAGTGTGGAAGAAGGGCCCTATCCACT
GGCAGCAGCTTTATTCTCAGTAGCGATGATGATGACGATGATATT

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Restriction Sites: Please inquire

ACCN: NM_001163280

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001163280.1 , NP_001156752.1
RefSeq Size:	3037 bp
RefSeq ORF:	2268 bp
Locus ID:	27336
UniProt ID:	O43719
Cytogenetics:	Xq26.3
Protein Families:	Transcription Factors
Gene Summary:	<p>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.[provided by RefSeq, Sep 2009]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 encode the same protein.</p>