

## Product datasheet for **RN214510**

### Htatsf1 (NM\_001108259) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Htatsf1 (NM_001108259) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Htatsf1
Synonyms:	RGD1563377
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN214510 representing NM\_001108259  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGAGTGGCAGCAACTTGAGCGGGAACGATGAATTTGATGAGCAGTTGCGAATGCAAGAATTGTACGGAG  
 ACCCAAGGAAGGTGACACCCAGAATGAGCCCTCTGGAGAACTGATTCTTTGGGACAACCACCAGATGA  
 CACTCCCTACGAGTGGGACCTTGATAAGAAGGCTTGGTCCCTAAGATCACCGAAGATTTATTGCTTCG  
 TATCAGGCCAACTACGGCTTTTCTGGTGTGGTGCACCCAGCTCTACTGGGAATGTCAGGACGCCAACA  
 CTAAGACTGTAGAAGAGCCGCCACAGAAAGAAATCCCGAAACCCTGACTCCAAAAAGAGGGGAGAAAA  
 GAGAAAGGCTGAATCTGGATGGTCCATGTTGAAGAAGACAGAAATACAAATGTATATGTGTGAGGTCCTC  
 CCTCCAGACATCACAGTGGATGAATTTATACAGCTTATGTCCAAATTTGGTATTATTATGAGGGATCCTC  
 AGACTGAAGAATTAAGGTCAAATTTACAAGATGATCAAGGAAATCTTAAAGGAGATGGACTTTGCTG  
 TTATCTAAAGAAAGAATCTGTGGAATTCATTAAAATTTTGGATGAAGATGAAATTAGAGGCTACAAA  
 TTGCATGTGGAGGTGGCAGATTCAGCTGAAGGGGGAATACGATGCCTCAAAGAAGAAGAAGTGC  
 AAGACTATAAGAAGAAGCTGTCTCTGCAGCAGAAGCAGTTGGATTGGAGACCTGAGAGACGAGCTGGCC  
 AAACCGGCTGCGCCATGAACGAGTTGTCATTCTCAAAAATATGTTTACCCCATGGATTTTGGAGATGAT  
 CCATTGGTGTGAATGAAATCAGAGAGGATCTTCGAGTAGAATGTTCAAAGTTTGGGAGATTAGGAAGC  
 TCCTTCTGTTTGTAGACACCCAGATGGTGTGGCTCTGTGTCTTCAGAGAACCAGAGGAGGCTGATA  
 TTGATTCAGACTCTGGATGGAAGGTGGTTTGGTGGCCGTCAGATCACTGCTCAAGCCTGGGATGGGACT  
 ACAGATTATCAGGTGGAGGAGACCTCAAGAGAAAGAGAGGAAAGGCTAAGAGGCTGGGAGGCATTCCTCA  
 ATGCTCCTGAGGCCAACAGAGGCCCTCAGCGTATGGATTCCATCTGCGGTTTCAGAAAGGCCAGGGCCTC  
 CAGAGTAGGCATTTTTTCAGAGCACCCCAAGTATGTCTAACATGGGTGCTCAGGAAGCTACGACTGGAATG  
 GCGTTTGAAGAACTATCGATGAAAATAAGTTTGAAGGAGCAGAAGATGATGGGGAGAGTCTGAAGGAG  
 ATGCTTCTGAAAAGATGCTAAAGAAGGTGAGTCCGATGGAGACTACCCTGAGAGAGAGATGATGAAGG  
 CTGCTCCAAGAGACAGTGTGAAGAGGGCTGCCCTGATAGAGAGAGTGGAGAAGGCTGCTCCAAGAGAGAG  
 AGTGGAGAAGGCTGTCTGAGAGGGAGCTTGGCTAGAAGAGGGTAAATCCTAAAAAGGAGTCTCAGGAGA  
 ATGGCCCTGAAAGAGAATCTAAGAAGAAAGGTAAAGAGAATTATGAAAAGAATGGCCTTGCAAAAGAATC  
 TGAAGACAATGACCTCACAGAGAGTCCGAAGGGGAAGATAGCCCAAGAAAGAATCAGAAGAGGATGAC  
 TCAGAGAGGGAACTGAGGAAGACAGCTCAGAAAAGCAATCTGAAAATGGCTCTGACAAAGAACTAGAAG  
 AAAATGGTGTGAAAAAGATTTTGACCAGGATGCCTCTGACAAGGAGTCCAGAAAAATGTTGAGAAAGA  
 GTCAGAAGAAAATGAGACTGACAAGTCAGAATTTGATGAAGGCTCTGAAAGAGTGTAGGTGAGGAAGGC  
 TCTGAGAGAGAATTTGAGGAAGACTCAGATGAAAAGGAGGAGGAGGAAGATGATGATGAAGAGAAAGAGG  
 TCGTATATGAAAGAGTTTTTGGAGATGATTCTGATGACTTCGAGGAGGAAGAAGAAGCATATGAAAAGGA  
 GTGTGAAGATGCTGATGAGAAAGAGGAAGACGATGATGTTGATGAAAAGGTCTTTGATGACTCGGATGAG  
 AAGGAGGATGAAGAAGACACAGATGTAAGGAAAGATGACGATGCTAGTGACAAGGTATTCGAAGACAATT  
 CCAATGAGAAGTTGTTAATGAGGAAGAAGGTCCAATGAGAAGTTGTTGATGATTCTGATGAAAGAGG  
 GACTGTGGGGAATGTGAAGGAAGATGGGTCTCAATCCACAGACAGCAGCTTTGCCCTCAGTAGTAGTGAT  
 GATGATGGTGTGAAGT**GTA**A

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_001108259  
**Insert Size:** 2331 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001108259.1</a></u> , <u><a href="#">NP_001101729.1</a></u>
<b>RefSeq Size:</b>	2911 bp
<b>RefSeq ORF:</b>	2331 bp
<b>Locus ID:</b>	317612
<b>Cytogenetics:</b>	Xq37