

## Product datasheet for **RN214495**

### **Hltf (NM\_001106478) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Hltf (NM_001106478) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hltf
Synonyms:	Smarca3; Snf2l3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN214495 representing NM\_001106478  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTCCTTGAAGTCAAGAGGGATTCTGTTTGAAGTATTCACAGTCTGCCAGTATGGAGCCCATGAAA  
 ATATTCCAAGACTTTCATACCCACCTTTCTTCCACGTTTTGAATTCCAAGACATTATCCCTCCAGATGA  
 CTTCCAAACTAGTGATGAAGAGCTAGATTTGGTTTTATTTGGAACATGAGAGGACAAGTTGTTGAATA  
 CGCTATTACACAGGAGTTGTGAATAACAATGAAATGGTTGCTTTAGAACGAGAGCCTAATAACCCGTATG  
 ATAAGAATGCTATTAAGTAAATAATGTGAATGGAAATCAGGTTGGCCATCTAAAGAGAGATCTTGACGC  
 TGCCTTGGCCTATATCATGGACAACAAATTGGCCCAAGTGAAGGGGTAGTTCCTTTTGGTGCAAGTAAT  
 ACTTTTACCATGCCTCTCATATGACTTCTGGGAAAAGAAGAAAATAGAGAGGTGGTTTTAGATCATT  
 TGAAGAAACATGGATTTAAGTTGGTCCCACACCAAAAACGTAGGATCGAGTTTGGAGAATACATGGGG  
 CTCTGGAAGAGCTGGACCAAGCTATAGTAGGCCGTTTCATGTTGTGTACAGATGACAACGAACAGCTC  
 AAAACGGAATTTGACAAATTTATTTGAAGATTTAAAAGAAGACGATAGAACTATTGAAATGGAGCCAGCTG  
 AGGCTGTTGAAACACCATTGCTCCACACCAAAAAACAAGCTCTAGCTTGGATGATTGCACGAGAGAACAG  
 CAAAGAACTTCCACCTTCTGGGAACTGCGAAATGACCTGATTATAATACAATAACAAATTTTTCTGTG  
 AAGGAACGACCAGAAAATGTTTATGGAGGAATTTAGCTGATGATATGGGTTTGGCAAAAACCTTACTG  
 CTATTGCTGTAATTTTACCAACTTTGATGATGGCAGGCCGCTTCTTGGTAAAAGAGGCAAGGAGAGTCA  
 CCCAGGAAAGGAATACAAGGACGAGACCGTTAACTCAGAGGAAGTAATACGAACAAGACGACAGATGGA  
 CACTCAGAGCCATCAGCATGTAGTGAAGAACCAGTATTCAGATGTTTCGGAGAAGAGTAATGTGTCAG  
 ATTTGTTTAGTTTCTTCTCTAAAAGAAGAAAAATTTCTGTACAGTCCACTGAAAGCAGTGAATCAGAGGA  
 AATTGAAACAAGTAAACTGTCCCAGAAAATGAAAGGCAAGCTGAAAAATACACAGTTAGATACTAAAAGT  
 AAAGTAAAAGGTACATCTGTGATGGAGAGCTCAAAGAAGTGTGACACTGGAGAGAGGACAAGAACAACAC  
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 GGACTTGAATCTTTATGTTTATTATGGTCTGATCGTATTAGAGATTCAACCTGGCTTTCAAACAGGAT  
 ATTATTTTACTACTTATAATATTTTAACTCATGATTATGGAACATAAGATAATAGTCCATTACACAGCA  
 TAAAGTGGTTAAGAGTATCCTGGATGAAGCCATGCCATACGAAATCCAATGCTCAACAGACAAAAGC  
 TGTTCTTGAGTTAGAGGCAGAAAAGAAGATGGGTATTGACAGGTACTCCTATCCAGAAATCTTTGAAGGAC  
 TTGTGGTCTCTTCTGTCCTTTTTAAAACGAAACCATTTACTGATAGAGAATGGTGGCATAGAATAATAC  
 AGCGTCTGTCAACAGGAGATGAGGGAGGACTTAGCGCTTACAGTCTTAATAAAAGCATCACACT  
 TAGAAGAACAAGACAAGCAAAAATTAAGGGAAACCTGTCTTGGAGTTACCAGAAAAGGAAAGATTTATT  
 CAGCACATTACTCTGTCAGTCAAGAGAGAAAAGATTTATCAATCTGTTAAAAATGAAGGCAAAGCTACTA  
 TTGCAAGGATTTTACTGAAGGTACTGTCTTGCACACTATGCAGATGTCTTGGGCTTCTGCTTAGACT  
 GCGGCAGATTTGTTGTATGTCCATCTTCTACAAATGGAACGTCTTCAAGTACCCCTCCAGAAGCGAC  
 ACACCTGAAGAACTGAGGAAGATGTTAGTAACGAAGATGAAGTTAATCTGAGCTCTGGTTCAGATGAAG  
 AATGTTCAATTTGCTGGATTCAATTAACATTTCTGTGATCACACATTGTGCACATGTGTTTTGTAACC  
 TTGCATTTGCCAGGTCAATCAGCGCGAGCAGCCACATGCAAAGTGTCTTTATGCAGAAGTAATATACAT  
 GGACATAATTTATTAGAATGTCTCCAGAAGAATTGGCATGTGACAGTGACAACAAGTCCGATATGGAAT  
 GGACGTCCAGTTCAAAGATTAATGCTCTAATGAATGCTTTGATTGAGTTACGGACAAGGACCCCAACAT  
 AAAAAGTTTAGTTGTCTCTCAGTTTACCACATTCTGTCTTTAATAGAAACACCACTGAAAGCCTCAGGA  
 TTTGTGTTTACTCGCTTAGACGGTTCCATGGCTCAAAGAAAAGAGTTGAATCAATTCAGTGTTTTCAA  
 ATACAGACGCAGGATCACCTACTATAATGCTACTGTCTTAAAAGCAGGCGGAGTGGCTTGAATCTTTG  
 TGCAGCTTCTCGAGTGTCTTAATGGACCCAGCCTGGAATCCTGTGCAGAGGATCAGTGTCTTGGCCGA  
 TGCCATCGACTTGGCCAGAAAACAAGAGTTATCATTACAAAGTTCATTGTGAAGGATTCTGTTGAAGAAA  
 ATATGTTGAAAATACAAAACATGAAAAGAGAGCTTGCAGCGGAGCCTTGGAACTAAGAAAACAGATGC  
 TGATGAAATGAAACAAGCTAAAATCAATGAAATCAGAACTTAAATGATCTAA**AA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001106478
<b>Insert Size:</b>	2925 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_001106478.1</a></u> , <u><a href="#">NP_001099948.1</a></u>
<b>RefSeq Size:</b>	4787 bp
<b>RefSeq ORF:</b>	2925 bp
<b>Locus ID:</b>	295568
<b>Cytogenetics:</b>	2q24