

Product datasheet for RN202471

Ust (NM_001108458) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Ust (NM_001108458) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Ust
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >RN202471 representing NM_001108458
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAGAAGAAGCAGCAGCAGCATCCCGGGCGGGCGGGATCCCTGGCCCCATGGGGCCCTGTGGGGG
 GCGCCCCCTCCGTGCCTGGGCAGCTGCAAGCGCCGGATCCCGCTGCTGCCTTCTCGCCTTCTCCCTCCG
 GGACTACGGTTTTCTGCATGGCTACGCTGCTGGTCTTCTGCCTGGGCTCCCTTTTCTACCAGCTCAGCGGG
 GGACCCCTCGTTTTCTACTCGACCTCGGCAGTATTTGGGAAATCTACTTACTTGGATGACCATGGAC
 CACCTCCTAGTAAGGTCCTTCCCTCCCCAGCCAGGTGGTGTACAACAGAGTCGGCAAGTGTGGCAGTCG
 CACCGTGGTCTGCTTCTGAGAATCTTGTGAGAAAAGCACGGCTTCAAATTTGGTACGTCAGACATTAC
 AACAAAACCAGGCTTACTAAAAATGAACAAATGGAAGTATTAAGAATATAAGTACCGTCGAACAGCCCT
 ATTTATTCACGAGACACGTCCACTTCTCAACTTCTCCAGGTTTGGAGGAGACCAGCCCGTACATCAA
 CATCATCAGAGACCCCGTCAGTAGATTTCTATCCAATATTTTTCCGTCGCTTCGGAGACTGGAGAGGG
 GAACAGAATCACATGATCCGCACCCCGCAGCATGAGGCAGGAGGAGCGCTACCTGGACATCAATGAGTGCA
 TTCTGGAAAACACCCGAGTGTCCAACCCAGGCTATTTACATCATCCCGTATTTCTGTGGACAGCA
 CCCCAGATGTAGGAGCCTGGCGAATGGCACTGGAGCGGGCCAAGCTGAACGTGAATGAAAACCTCCTG
 CTTGTGGGATTCTGGAGGAGCTGGAAGATGTGCTGCTTCTACTGGAGAGATTTTACCTCATTACTTCA
 AGGGCGTCTCAGCATCTACAAGGACCCAGAGCATAGGAAACTTGCAACATGACTGTGACCGTGAAGAA
 GACTGTCCCTCTCCCGAGGCGGTGCAGATTCTTACCAGAGGATGAGATACGAGTACGAGTTCTACCAC
 TACGTCAAAGAACAGTTCACCTGCTTAAGCGCAAGCTCGGACTGAAGTCTCGCGCAGCAGACCTCCCC
 TGAGACCACAGTCTTCAATCCACCCCTCTGGAGACTGAGGAGCCAATCGATGACGAGGAGCAAGACGA
 CGATGAGAAAATGGCTAGAAGATATTTATAAGAGG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001108458
Insert Size:	1227 bp
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).
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:	<u>NM_001108458.1</u> , <u>NP_001101928.1</u>
RefSeq Size:	1722 bp
RefSeq ORF:	1227 bp
Locus ID:	361450
Cytogenetics:	1p13