

Product datasheet for **RN205763**

Chst10 (NM_080397) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Chst10 (NM_080397) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Chst10
 Synonyms: Hnk-1st
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN205763 representing NM_080397
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGACCACCAGTGGCTCCTGCTGGCTGCATGCTTTGGGTGATTTTCATGTTTCATGGTGGCCAGCAAGT
 TCATCACGTTGACCTTCAAAGACCCGGATGGGTATAGTGCCAAACAGGAGTTTGTGTTCTGACGGCCAT
 GCCAGAAGCAGAGAAGCTAAGAGGAGAGAAGCATTCTGAAGTCATGAAGCCAACTGGGAAGATGCTT
 TCGGAGAGCCATCCTGATCAGCCCCGGTTTATCTGGAGCGGCTGGAGCTCATCAGAAACGCTTGC AAGG
 AGGAGGCTCTGCGGAACCTCTCCACACCGAGGTCTTAAGTTTGTCTGGATCGAATCTTTGTCTGTGA
 CAAGCACAAAGATTCTTTCTGTGACACCCCAAAGTGGGCAACACCCAGTGAAGAAAGTGTGATCGTC
 TTAATGGAGCATTTTCTTCTATTGAAGAGATCCAGAAAACGTGGTTCATGACCATGAGAAAAATGGCC
 TTCCACGTCTCTTCTTCTCAGCAAAATAGGAATCAGAAGCGATTGAAAACATACTTCAAGTTTTTAT
 TGTGAGGGATCCCTTTGAAAGACTGATCTCTGCCTTAAGGATAAGTTTGTTCACAATCCTCGATTTGAA
 CCTTGGTACAGGCACGAGATAGCCCCGGCATTATTAGGAAATACCGGAAGAACCGGACAGAGACCCGGG
 GTATCCAGTTTGAAGATTTTGTGCGCTACCTGGGTGATCCAACCGCAGGTGGTTAGACCTTCAGTTTGG
 GGACCATATCATCCACTGGGTGACCTACGTAAAACCTCTGTGCACCTGTGAGATAAAGTACAGTGTGATT
 GGACACCACGAGACCCTGGAGGCAGATGCCCGTACATCTAAAAGAAGCTGGCATTGACCACCTGGTGT
 CGTACCCCACTATCCCTCCCGGCATCACCATGTACAACAGGACCAAGGTGGAGCAGTACTTCTGGGCAT
 CAGCAAACGAGACATCCGGCGTCTCTATGCACGTTTTGAAGGGGACTTCAAGCTCTTTGGGTATCAGAAA
 CCAGATTTTTTGCTAAAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_080397



Insert Size:	1071 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_080397.1, NP_536322.1</u>
RefSeq Size:	2649 bp
RefSeq ORF:	1071 bp
Locus ID:	140568
UniProt ID:	<u>O54702</u>
Cytogenetics:	9q22
Gene Summary:	sulfotransferase that catalyzes a step in the biosynthesis of the HNK-1 carbohydrate epitope [RGD, Feb 2006]