

Product datasheet for **RR216412**

Chst13 (NM_001191974) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Chst13 (NM_001191974) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Chst13
Synonyms: RGD1562825
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR216412 representing NM_001191974
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGGGAAGGGCTCCTGTTGCCGGCGGCCCTTCCGGTGGTGGCAAGTCTGGGTGCTGCACTTCTGTTCC
TGTGCGCCGCGCGCGCCCTGCGTCCCGATTTGAAAACAAAGTTCTGGGCTCCGGCTGGTTCGGAGG
AGAGAGGAAGAGTCCCCTACAGCTGTTGCGGGAAGTGGACCAGGGCCCGCTCTGCGATGGCCGAAGTG
CACCAGCAGCGCGCGAGCTGCTCCGCCGGCCCTGCAGCCGCCCACTCGACGCCAACGCTGCTGCAGC
CCGAGGACCTGCGGCACGTGCTGGTGGACGACAAGCACCGGCTTCTGACTGCTACGTGCCCAAGGTGGC
CTGCACCAACTGGAAGCGCTGCTGCTGGCGCTGCGCGGCCGTGGGGACCCGGGAGCAATCCCTGCGCAC
GAGGCGCATGAGCCTGGTCTGCTGCCCTCGTTAGCCGACTTTGCGCCAGCTGAAGTCAACCGGCGGCTGC
GCGACTACCTGACCTTCTCTTTGTGCGCGAGCCCTTCGAGCGCTGGCCTCAGCCTACCGCAACAAGCT
GGCGCGGCCACACAGCGCGCCCTCCAGAGGCGCTATGGCACGCGCATCGTGCCTCGCCTACGACCGCAC
CGCGCAGCCGGATGCGCTGGCTCGCGGCCACGACGTGCGCTTTGCCGAGTTCTGGCCTACCTGCTCGACC
CGCGCAGCGCCGCTACGAGCCCTCAACGAGCACTGGGAGCGCGCATGCGCTGTGCCATCCATGCCT
AGTGCGCTATGATGATGAGTGGCAAGTTTGAACACTGGCGGATGATGCTGCCTTTGTGCTGCACCTGGTG
GGCGAGCCTGGCCTGCGCTTCCCTGCTCCACCGCTGAGGCCAGAGAAGGACCTCACGCGTGTCCAGGCC
GGCGCCTTTTCCAGGACATCAGCCCTTCTACCAGCGTCGCTCTTTGACCTCTATAAGATGGACTTTCT
GCTCTTCAACTACTCCGCTCCCTCCTACCTGCGGTTGCAA

AG**GCGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



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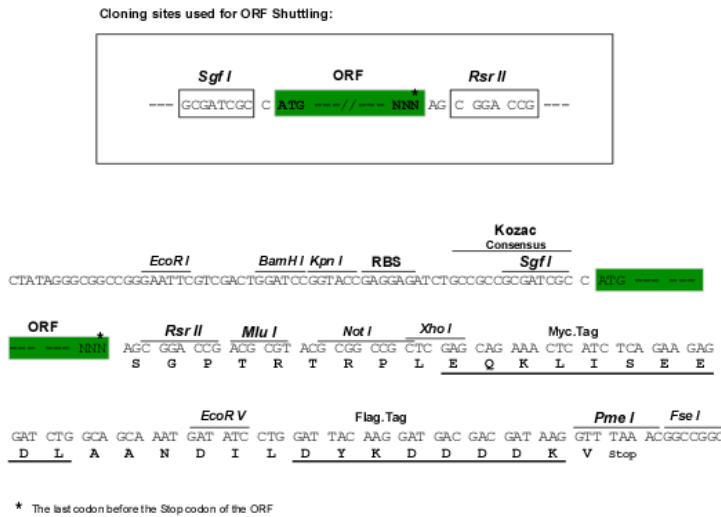
Protein Sequence: >RR216412 representing NM_001191974
 Red=Cloning site Green=Tags(s)

MGRRSCCRRPLPVVASLGAALLFLCAAPRALRPAFENKVLGSGWFGGERKSPLQLLRELDQGPRSAMA EV
 HQQRRELLRRACSRHTRRQRLQLQPEDLRHVLVDDKHRLLYCYVPKVACTNWKRVLLALRGRGDPGAIPAH
 EAHEPGLLPSLADFAPAEVNRRLRDYLTFLFVREPFERLASAYRNKLARPHSAAFQRRYGTRIVRRLRP
 AQPDALARGHDVRF AEFLAYLLDPRTRRYEPFNEHWERAHALCHPCLVRYDVVGKFTLADDAFVLHLV
 GEPGLRFPAPPLRPEKDLTRVQARRLFQDISPFYQRRFLDYKMDFLLFNYSAPSYLRLQ

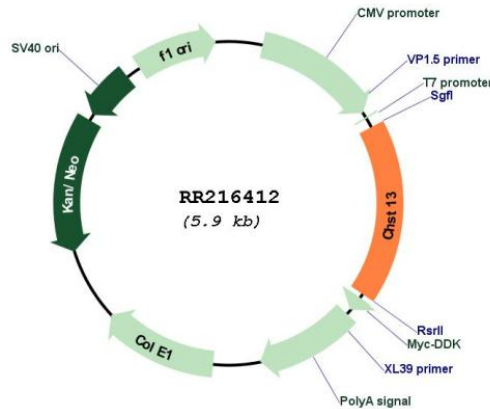
SGPTRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-RsrII

Cloning Scheme:



Plasmid Map:



ACCN: NM_001191974

ORF Size: 1020 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001191974.1 , NP_001178903.1
RefSeq Size:	1023 bp
RefSeq ORF:	1023 bp
Locus ID:	500257
Cytogenetics:	4q34
MW:	39.5 kDa