

Product datasheet for **MR230552**

St7 (NM_001289625) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	St7 (NM_001289625) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	St7
Synonyms:	9430001H04Rik; Fam4a2; HELG; RAY1; SEN4; TSG7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>MR230552 representing NM_001289625
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCGAGGCGGGCGGGCTTCTGGAGCAGCTCAAGTCTGCATCGTGTGGTCTGGACCTATCTGT
 GGACCGTGTGGTTCTTCTCGTCTCTTCTGGTCTACATCCTGAGGGTGCCCTGAGGATCAACGACAA
 CCTGAGCACAGTGAAGTGTGTTTGAACACGTTAACCCCAAAGTTCTACGTGGCCCTGACAGGCACTTCC
 TCGCTAATATCGGGACTATTTTGAATTTGAATGGTGGTATTTTCGCAAGTATGGAACATCTTTTCATTG
 AACAAAGTCTCCGTAAAGCCACTTGCGCCCTTCTGGGAGGGGTTGACAACAACCTTTCCAATAATTCTAA
 TTCCAGTAAATGGAGACTCAGATTCCAACAGACAAAGTGTCTCAGAATGCAAAGTATGGCGAAATCCACTG
 AATCTGTTAGGGGTGCGGAATAAATCGGTACACTTGGGTCACAGGACGAGAGCCTCTGACCTACTATG
 ACATGAACCTCTCTGCCAGGACCACCAGACATTTTACTTGTGATTGAGATCATCTTCGCCCTGCAGA
 TGCAATAATGCAAAAAGCTTGGAGAGAAAGGAACCTCAAGCCAGGATTTCTGCAGCTCATGAAGCCTTG
 GAGATAAACGAAATTAGTCCAGAGTTGAAGTTCCTCAATTGCTTCTACCATCTGGGAGATAAAAT
 TGTACCAAAGTGTGCAACTGCGTACATTTCTTGGCGGAAGAAGAAGCGACAACATATTGCTGAAGCAGA
 AAAACTCTTTAAGCAGGCCCTGAAGGCTGGAGATGGTTGTTACCGGCGCTCTCAGCAGCTACAACATCAT
 GGGTCCCAGTATGAAGCTCAACACAGACGAGACACCAATGTCTTAGTCTATATCAAAAAGAAGGCTGGCGA
 TGTGTGCCCGGAGACTTGAAGGACCAGAGAAGCAGTGAAGATGATGAGAGATTTAATGAAGGAGTTTCC
 CCTCCTAAGCATGTTCAATATCCATGAGAACCTTCTAGAAGCTCTTCTGGAACCTCAAGCTTATGCTGAT
 GTTCAGGCAGTCTTAGCAAAGTATGATGATATAAGCTTACCAAAGTCGGCGACAATATGCTACACAGCCG
 CCTGCTCAAAGCAAGAGCTGTCTCTGACAAATCTCTCCAGAGGCTGCGTCTCGGAGGGGCTGAGCAC
 AGCAGAGATGAATGCAGTAGAAGCCATCCACAGAGCTGTGGAATTAATCCACACGTGCCAAAATATCTA
 CTAGAAATGAAAAGCTTAACTCTCCACCAGAACACATCTGAAGAGAGGAGACAGTGAAGCGATAGCAT
 ATGCATCTTTTCACTTGCACACTGGAAGAGGGTGAAGGGGCTTGAATCTCTTGCATTCTTCCGGAT
 GATCCCGTATCCCTGGAGAAGGACACCTATTTTATCCATACCCAATCTGTACAGAAACAGCTGACCGG
 GAGCTGCTTCCCTCTTCCATGAAGTCTCAGTTTACCAAAGAAGGAACCTCCCTTCTTCACTCTTCA
 CTGCTGGACTGTCTCTCACAGCCATGCTGGCCCTCTGACACATCAGTTTCCGGAACCTATGGGAGT
 CTTGCGAAAAGCTTCTCAGCACTTTGTTTGGCCCTTGAACCTTGTATGGAGAAAGTGGAAAGCATC
 TCCCCCTCAGTTTGTGGCATCAGCTGACACGGATC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR230552 representing NM_001289625
 Red=Cloning site Green=Tags(s)

MAEAGAGFLEQLKSCIVSWTYLWTVWFFLVFLVYILRVPLRINDNLSTVSMFLNLTTPKFYVALTGTS
 SLISGLILIFEWYFRKYGTFSFIEQVSVSHLRPLLGGVDNNSNNSNNGSDSNRQSVSECKVWRNPL
 NLFRTAEYNRYTWTGREPLTYDMNLSAQDHQTFCTCSDHLRPADAIMQKAWRERNPQARISAAHEAL
 EINEIRSRVEVPLIASSTIWEIKLLPKCATAYILLAEAEATTIAEAEKLFKQALKAGDGCYRRSQQLQHH
 GSQYEAQHRRDNLVYIKRRLAMCARRLGRTRAVKMMRDLMKFPLLSMFNIHENLLEALLELQAYAD
 VQAVLAKYDDISLPKSATICYTAALLKARAVSDKFSPEAASRRGLSTAEMNAVEAIHRAVEFNPHVPKYL
 LEMKSLILPPEHILKRGDSEAIAYAFFHLAHWKRVEGALNLLHSFRMIPYPLEKGLHLYPYPICTETADR
 ELLPSFHEVSVYPKELPFFILFTAGLCSFTAMLALLTHQFPELMGVFAKAFSLTFLAPLNFVMEKVESI
 LPSSLWHQLTRI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-Mlul

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_001289625.1 , NP_001276554.1
RefSeq Size:	2195 bp
RefSeq ORF:	1719 bp
Locus ID:	64213
UniProt ID:	Q99M96
Cytogenetics:	6 A2
MW:	66 kDa