

Product datasheet for MC201577

Stard13 (NM_146258) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Stard13 (NM_146258) Mouse Untagged Clone
Tag: Tag Free
Symbol: Stard13
Synonyms: DLC2; GT650
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC027830 sequence for NM_146258
 CCACGCGTCCGCGCTGGGTCTGTGGCTCTCTCTGGGGCTCCATTGACTGAGGCTGGAGACAGCTGCGAA
 GAGCCACCGGCAGCTGAGGTGGCAGTGGAAACTCTCCGAGATGTTTCAGCCAGGTGCCAGGACGCCGGC
 TGCAGGCTGCTACTATCTAAACCCCTTGACACCTGAGAGCCAGGAGATGTTGCGATTTGATCAGACT
 GCCAGACGCTCTCCCTACAGGATGAGCCGGATCTAGCACGCCATCACCTAGTGACTAAAATCCAGCAAG
 AAATTGAGGCGAAGGAAGCATGTGACTGGCTCCGAGCTGCCGGGTTCGCCAGTACGCTCAGCTGTATGA
 AGATTCGACAGTTCCCATCAACATTGCGGCCGTCAAAAAAGACCATGACTTTCTTGAAAGGGACCTTGTA
 GAACCTCTTTGCAGACGACTTAATACGTTGAACAAGTGTGCCTCAATGAGACTTGATGTGAACCTCCAAA
 GGGAAAAGGGTGACGACTCAGATGAGGAAGACCTGTGCATCAGCAACAAATGGACTTTCCAGAGAACCAG
 CCGCAGATGGTCCCGTGTGGATGACCTGCATACGCTGTTCCCGTGGCAGACAGAAACGGGTCCCAGGA
 GGCCTAGGATGAGAAACACAGCCAGCAGTGAGAGCGTGCTCACGGATCTGAGTGAGCCAGAGGTCTGCT
 CTATTCACAGCGAAAGCAGTGGGGCAGTGACAGCCGCAGCCAATCAGGGCATCATTCTGCTGACAGTAC
 GCATGCGCTGGAGGCCACCTGGTCAGTAGCAGCTCCCACAGTCTACCCGAGAGGGTCTCAACCAGTCT
 TTTCAACCCAAAGAATGAGAAACCCACCAGGACCAGGGCCAAGTCTTTCTGAAACGCATGGATACCTTGA
 GAGTGAAGGGTGCACCTGGGAGGCATAAGGGGCCAGGGCGGACAGGAGGCTGGTTCATCAGTAGGCTGT
 GCTGCAGCAGGAACCGGAGTCTTTAAGACCATGCAGTGCGTCCAGATACCCAACGGAGATCTGCAGACC
 TCACCTCCAGTGCCTGCAGGAAAGGCCTCCCATGCTCCAGTAAGTCAAGTGGTGAAGCAGCCCCCTGG
 AGAACAGCAGCACAGTGAAGCACTCCGTGCATGAAGGAACGCAAGTGCCACCACGAGGCCAACAAAGCGCG
 TGGCATGTACCTGGAGGACCTGGATGTGCTGGCAGGGACGGCATTACCAGATACGTCAGACCAAAACCC
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 CCAAGGCACTTTCTATAGAAAGCCTCTCACCCACAGACAACAGCAATGGGGTTAACTGGAGGACCGGAG
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 AGCCGTGTGAGTATCTATGACAATGTCCCAGCTCGCACCTGTATGCCAGCACAGGAGATCTGTTGGACC
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 GGATGACTGGTCAAAAAACATCTTACCCGAACTGCAAAGTACAGCACATTGGCAGGGGATCCTGGTCTG
 TCCCCATTCCCATCTCCAATCAGGTCACTTTAGATTTTGAAGGCAACTCTGTCTCAGAAGTCCGACAA
 CACCTAGTGATGTGAAAGGGACAGGACTTCTCTGAATGAATCGGAGGCCACTGGGGTCCAGAAAGAAG



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GGATTCTGGTGTGGGGCCTCTCTGACCAGACCAACAGACGACTAAGGTGGAGCAGCTTCCAGCTCTCA
 CACCAGCCCAGCCGTCTCCAGCCACCCCGCACATCAGCAGCCAGACGGCCGCCAGCTGAACCTGCTCC
 AGCGCTTCTCCCTACTTCGTCTTACGGCCATCATGGAGAAGTACTCTATGTCCAACAAGCACGGCTGGAC
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 CACAGCTGGCGGAGAGCGGGCAACTTTTACACGTACTTGGAGCATCTAGTCCAAGGCCTCCAGAAAGA
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 GTGGGCGATGGGCACCCGCTGAAGCTGTGAAAGCATCTGTGGAGGTGGAGGCACCCCTCCGTGGTGC
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 CACTCACAGCGTGGCAAGTGCACGCATGTGCAGGAATGTGCAGTGGGATCCGGAGATCGCGGAGACCGT
 GGAGCCCGTCTAGCCTGCCTAGAGATGGCTAATCCCTACTAATAATAATGTCTCGGAACTTTTATCTAT
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 GCTGTAGACCCCGTGTCCATCCCGACCTGTCCCGCCAGCTGAGCAGAGCCTGTGACAAACACCAAAGT
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 AGAGCTTCTTCCACAGGTTGGCCTCTTATTTCTGATGTTTAAAGACTGGAGCAGGATGTTGACATAAAT
 GAGGGATATAATATTTGCTTCTTTAACGCAAAGCAGCAGGTGAGAGGTTATTGCCAAATCCAAGGCTA
 GACCTTGCAATGCTCTGGGCCCTCTTGAGATTGATTTCTCATAGTGTCTTTTAAACCATCTATTTGACCA
 GTGGCCTATGTGGCCACAGTTTTTTTAAACATGTTCTTGCAGTACCTTACTCTGGACACCCAGAGTGAGA
 TGACAGTCCATCGAGTGTCCAGGAGTATCACAGCTTCCAGGAATTCCACACATGCTATAGATGATGCTT
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 ATTAGTTTTTGTACCAATCCCATGTTTCTTATTACCCAGCACCAGCACCTGGGCGTTCGACCCCAACC
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 TCTCGTGTCTACCTGGGAGAGGGCAGTCAGACCACATGGTGCCTCCTGGGCAGCGTTCTGTGGAGTGG
 CAAGTTCACTTCTGCCATTACCTCATGCCTACCATGCTGGATGGCTTTGTATGCTTGTGAGGACCATCA
 GTGGAGCTTAGTGTGGTCCACACCATCTGTCTGTGCCAGAGCCGGTCACTGTGCACAGGAAAAACAG
 ATCGGGCGCCCGGGATGGCTGGGTTGTTGTCTCGGGGCACACTGTTTGGCATACACTGGGAATCAAC
 TAAAGCCTTTGTTAACAGGCTCCATCCAGGCCATGTGGGTGGGCTGGCCTTCTGGATTCTAATGAGC
 CTGAGGGATGCAGGGTGCCTCAAGGACACACTTTGAGAAAACAAGGACCTAGGAAATACTAAAACCTAATA
 AAATATCTGATACAGTTATATCCCCAGCACCTTTCTCTTCCAACCTAGCTGGCTTTCTGATTGTATGCA
 CATACTAATCATACTTCTGTAACCCAGGGCGCTTTTAAAAATAAGGGGAGGGGAGGGGGAGAT
 GATGCATTGAGCTGTTTGTCAAATACCACAGTATTTTATTCTGTTATCTTGTGATGGAATAAAAA

AATTGCATTTAAATATTAATAAAAAAAAAAAAAAAAAA

Restriction Sites:	RsrII-NotI
ACCN:	NM_146258
Insert Size:	3342 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:	BC027830 , AAH27830
RefSeq Size:	5494 bp
RefSeq ORF:	3342 bp
Locus ID:	243362
UniProt ID:	Q923Q2
Cytogenetics:	5 G3
Gene Summary:	May function as a GTPase-activating protein.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 3' coding region, compared to variant 1, which results in a protein (isoform 2) that is 19 amino acids shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.