

Product datasheet for **MC201665**

Stard7 (NM_139308) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stard7 (NM_139308) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Stard7
Synonyms:	AI852671; AL022671; AW544915
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC017524 sequence for NM_139308
 AGAGGGCGGACACAGGCGCACGGGACCGCTTCTGCTGTGGCCTGGGACGGCCACCGCTTTGCTTCCCAGCGC
 CCTGGCCGCGGGGGCCCCGCGAGTTCCCGCCGTACACACAGACGGGCGGGCTGTCGGGACCGAGAGGGGCC
 TCGTGCAACGGCGCTCTCCTCGGAAGCCACGCTACCTCAGCCGCTTCTGCAAAAAGGCATGAGGGACGGC
 TCCTGGCTTCTGGAGCGTGAGGTGGCCTCGGGGTCAACCCGTTAAGGGGACTGCGCGGACGGCCCCGGCCT
 GCCTTCCCCCAGCCCTTCTCTCCGGGGCCCCGCGCAGGCGCGGGAATCCACAGAGGCCGACATGTTCC
 CGAGGAGGCCACCGGCCACCCTGGCCGCTGGCTGGCGGGCGCGGGGGCGGGGCTGCTGTCCGCGCT
 GGCCAATCAGTGCCGCTTCTGTGACGGGCTGCGCGTGGCGGAGCGCAGCAGATCGCGCAGCTCTACGGC
 CGCCTGTATTCCGAGAGCTCGCGCTGCGCCCTGCTCGGACGCTTCTGGCGCCGGTGCGAGGCCGCCCG
 GCCATGCCTCTGTTTTGATGGCGGCGCTCTCCGGTGTTCGATGGGACGAGGAGAGAATCCAGGAGGA
 GGAGTTGACAGAGTCCATTAATGAGATGAAACGGTTGGAAGAAATGTCAAATATATTTTCAGAGCTCTGGA
 GTTGAGAATTACCCTCCCGAACCAAGTCCCCAGCAGGAGGGAATGAAAAGTCAAAGACAAGGAAGAAC
 CCTGGGAAATGGTGATGGACAAGAACTTCAAGCTGTGGCGCCGCCAATTACAGGCACCCACCTTTA
 CCAGTACCGAGTTTTTGGAAACATACACAGATGTGACTCCCCGACAGTTCTTCAATGTTTCAGTGGATACA
 GAGTACAGGAAAAATGGGATGCCCTTGTGATCAAGCTAGAGGTGATTGAGAGAGATGCTGTTAGTGGTT
 CTGAGGTTCTTATTGGTAACCCATTTTCCTTATCCAATGTACTCTCGTGATTATGTTTATGTTTCGGCG
 GTATAGTGTGGATCAGGAAAACAATGTGATGGTCTTGGTGTACAGTGGGTTGAAACACCCCAAGTGTGCCA
 GAGTCTCCAGAGTTTGTGAGGTGAGATCTTACGAATCCCAAATGGTTATCCGTCCTCACAGTCGTTTTG
 ATGAGAATGGCTTTGACTACTTACTGACATACAGTGAATCCACAGACAGTGTTCCTCGATACTGTGT
 CAGTTGGATGGTTTCTAGTGGCATGCCAGATTTCTTGGAGAAGCTGCACATGGCCACTCTGAAAGCCAAG
 AACATGGAGATCAAAGTAAAAGACTACATCTCGGCTAAGCCTCTGAAAATGAGCAGTGAAGCCAAGGCCA
 CTGCTCCATCCCCTGAGCGGAAGAATGAGGTAGCTGTGGCCCTGCTCGGATTGAGTATGCTTAAAGGCC
 TTTGGGATAAGGAAAAGACAGGCACTTCCAGCCCTGCCTTCTCCTTTCAGCTCTGCTGCAGGACAGGGA
 AGTACACATGTTAGAAGACATCTGCTGTAAGTGTGAGTGAAGAGGATTTAGAAGTGGAGTTAGATTTTC
 ATCTGGAGCCCTATTGCTCTTACCAAACAGAGGAGCATGACATTGTGGAGTTGTCATGTTCTCAGGCCA
 GCAGTTGTGAAATCCAGTATCGTGCTTACCTACTCTGGAACAACCTCTCATGTTAGGCCAGAAGGAGATG
 ACTCCTATCCGCCTCTACGAGAAGCTTCTTGTGACATTCCAATGCCACTGTTGGTTATGCAATGCT
 CTGGATATCCTTCAGTTCTGTAGGTCACTTGGAGAGTGGTTGGCCCTGGTTCTCACTAAGTGGTTTTTT
 GGAGTGTCTTGGTAACAGTCTGTGGTGGTGTGAACAATTCTGGCTGAGCTAAGTGCCTGTCTCACC
 TTGCTTTATCTTAAAGACATGAAGTTTGTACCAAGGGATCCTTCCCCCTGCAGACTACCATGACATTGA
 CTCATCTGGTGGAGGCAGCTTTTCACTTAACTGGCCTTTCTGTTTTCATGGGCTGTGCTCACTGTGTCAT
 GGCTCTGCCGTAGCCTTAGCCATTTGCTGGGAGCACCAGAGACAACTCCTCTAGACGGTAGCTTCTCT
 AAATGATGTCATCAGTGTGTTGATAGGATCAGTGGAAAGTGTGCACAAAACATCTTACTTAAAAATAGATT
 TCTTTTTAACCCCTGTAGCAAATGGAGTTAGGTGGTTGAGCACAACCTCTTCCCTTACTTGTGTTTTT
 GGCATATTTTCCCACTGCAGATTGACTGCGCTGTCTGGAAGGATAAAGGTGGTAGATGGTGGTTGTGC
 CATTTCTCAGAGTTTTCAAACCTGTAAGCTGACATATGGGCCAACAGATGGAGTCTTGGCCAATACCG
 TATGGTAGGGATGGGGCTTTTGTGACCTTTGGTCTTGTAAAGCATTTCTCTCCAGAGCTGACATAGAAG
 AATAGGGATCAAGTTTACATCCTTCTCTCTTTTCTGGAATTAATAGAGCTGACATTTTCTTTTCTT
 GCTTGCTACCTACCCTGTTGTGGTGTAAAAGAGACTAAACCCAAGGTGAACATAATCTTTAACCTTCTG
 TTGCCATTACAGTTCTGTGCCAAGGAAACAGCTAACTCCCCAGTGTCTTCTGCTTTTTCGGTTGTTGGCAG
 AGCAGAGAGTGGCATTGAGAAGCCCAAGTGTCTCTCAGTGAAGATTTTCCCTTCTTCCAGGACCTGAC
 AGGAAAAGAAAAATCTTTATTTGACTTTAACATCTGTAGCTGACTGCCTGTGAATCTGTGAGCAAGTGT
 AAGCATGTATGTGTGCGTGTGTGTGCTGGGGCTCAGGGACTGAGCAGTTACGTTTACCCTTTGTTTTGTG
 ATTTGACTCTGTACAGTTAACTTGTGTCATCATAATGAGTTTGTCTTAACTGTGACATTTTATCAAAG
 GTGTGAATAAATGCATAAAGATTGGTAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_139308
Insert Size: 1122 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:	BC017524 , AAH17524
RefSeq Size:	3122 bp
RefSeq ORF:	1122 bp
Locus ID:	99138
UniProt ID:	Q8R1R3
Cytogenetics:	2 61.88 cM
Gene Summary:	<p>May play a protective role in mucosal tissues by preventing exaggerated allergic responses. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>