

Product datasheet for **MC209894**

Stbd1 (NM_175096) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Stbd1 (NM_175096) Mouse Untagged Clone
Tag: Tag Free
Symbol: Stbd1
Synonyms: D5Erttd593e; D530019K15Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209894 representing NM_175096
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGCGCGTCTGGTCAGCCCTGCTGGTCGGCGGGGTCTAGCTGGAGCGCTCATCCTGTGGCTGCTGC
 GGGGAGACTCTGGGGCCCGGGAAAGACGGGGTTGCGGAGCCGCCGAGAAGGGCGCACCTCCTGGGA
 GGCTGCGGCCCGGAGACGGTCCGGTGGTGGCAGTGGCGCCTGAGCCCTGAACCTCCGATCGG
 GAGCTGGTCTCAAAGCAGAGCATCTTCGAGAAAGCAACGGACATTTGATTTCTGAGAGCAAAGATCTTG
 GTAACCTGCCGGAAGCACAGCGGCTGCAGAATGTTGGAGCAGACTGGGTCAATGCCAGAGAGTTGTTC
 TGTGGGAAGATTCCAGACACACTCCAGGGCCGACTCTGAAGCGGCAAGAAATCAAAGCCAGGATCT
 CATGGAGGAGAAATGGAGACTCCCAAAGGACAAGAAACAGCTGTCAAAGTAGCTGGCAGTGTGGCCGAA
 AGCTGCCCTCCAGCAGCCTGCTTGTGGACAGAGCTAAAGCAGTCAGTCAGGACCAGGCAGGCCACGAGGA
 CTGGGAAGTGGTGTCTAGGCACTCATCTGGGGAGTGTGGTTGGGTGGCAGTCTTGAGGCTTCTAGG
 TTAAGCTAAATCAGAGAATGGACGACAGCACAACAGTCTTGTGGGAGGAAGAGGCTGGGAAGTAGATG
 GGAAAGTGGCATCTCTGAAACCTCAACAGTCCAGTCCAGTCCAGTCCAGTCCAGTCCAGTCCAGTCCAG
 TGTGCAGTTCATTGCAGTACTGGAGACCATGAGAGCCTTGGGAGATGGAACACATACATCCCACTCCAC
 TACTGCAAAGACGGGCTCTGGTCTCATTCTGTCTTCTGCCTGCAGACACAGTGGTGGAGTGGAAAGTTCCG
 TGTGGTAGAGAATAAGGAAGTACTCGTTGGGAAGATGCAGCAATAGATTCTGCAGACTGGCCATGA
 GGATAAAGTGTTTCATGGGTGGTGGGGATT**CACTGA**

ACGGTACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_175096



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Insert Size:	1017 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:	NM_175096.3 , NP_780305.1
RefSeq Size:	1985 bp
RefSeq ORF:	1017 bp
Locus ID:	52331
UniProt ID:	Q8C7E7
Cytogenetics:	5 47.21 cM
Gene Summary:	Acts as a cargo receptor for glycogen. Delivers its cargo to an autophagic pathway called glycophagy, resulting in the transport of glycogen to lysosomes.[UniProtKB/Swiss-Prot Function]