

Product datasheet for **MC203432**

Dars2 (NM_172644) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dars2 (NM_172644) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dars2
Synonyms:	5830468K18Rik; aspRS
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC076606
 GGTTTGTGTCTGGGTTTGAACCTCAGAGCTGTTTGGATTTGTTTCGTCTTCACCTTTCAGGAAAATCCAGG
 ATGGGCCGCCAGGTTTGGGAAAGTTGAAACACGAGGCTGCACCTCCTTATATTTCTGCTTATGCCCTGGT
 CACCTTCGAGATACGTGGGAATAAAGGGAGGACGCGCCTGGTGGCCGGCCTCCGGCTGGGGCGCTCT
 GGCACTGGCGTCTGTTGAGGCATCTTCGGGGCTCAGCCTTGTTAATTAAGTGGGAACCTGATGCACT
 GAAGGAAGCAAAGGCTTCCCCCTACCCACTCACCTAAGGTCTCTGGAGACCTTGCAAGTCAATCTACTT
 TGTAGATACTAGAACGTTACGCGGAGCAGGGTCTGGATGCATTTGCGTGGGAACCTAGAATTTAAGGGTT
 CCCAGGTATCCGAAAACCGAGTTTTGAGCACCCACACCTGCAGCGTGGGATTCTGTGTTCTCTCC
 GGATCCCGGGACTTCAACATGTATCTTGGTTTTGGTTAAGTCGTCTATGCAGGGGTTTATCCAGACCCA
 TCGGGAAGACCATGCGGCCAATCTGGGTTCTCTTCCAGAAATCTGGCGTTGAGTTCACAAAGAATTCC
 AGAATTCAGTAGCTTTGTTGCTCGGACCAACACATGTGGAGAGTTGCGTTCGCCACTTAGGCCAAGAA
 GTCACCTCTGTGGATGGATTCACTACCGCAGGCAGAACACCTTCTTAGTCTAAGAGATTGCCACGGCC
 TTGTTCCAGATTCTATCCCCAGGATGAGTCAGCCGCATCTGTGAGGAGGATTTGTGTGAAGCCCTGT
 GGAGTCTGTGGTGAAGTATCTGGGACAGTAATCTCCCGTCTCCAGGACAAGAGAATCCGAAAATGCCG
 ACGGGTGAGATTGAAATCAAAGTAAAACAGCTGAGCTCCTGAATGCCTGCAAAAAGCTGCCCTTTGAGA
 TTAAGAGCTTTGTGAAGAAAACAGAGGCCCTCCGTTTGCAGTATCGCTACTTAGATCTGCGCAGCTTCCA
 GATGCAGTACAACCTGCGGCTGAGGTCGCAGATGGTCATGAAAATGCGGGAAATATCTCTGTAATCTGCAC
 GGGTTTGTGGATATAGAAAACCCCAACCTTGTTTAAAGAGGACCCCTGGAGGTGCCAAGGAGTTTTAGTAC
 CATCCAGGGAACCTGGAAAGTTTTATCCCTCCCTCAAAGTCTCAGCAATTTAAGCAGCTTCTGATGGT
 TGGAGGTTTAGACAGGATTTTTCAGGTCGCTCGGTGTTACCGAGATGAAGGCTCAAGACCGGATAGACAG
 CCAGAGTTCACCTCAGATTGACATAGAGATGTCTTTGTAGAGCAGACTGGCATTACGCGTTTGTGAGG
 GTTTGCTGCAGTATTCTGGCCTGGTGATAAAGACCCTCTAGTGACTCCTTTCCCTTCCATGACTTTTGC
 TGAGGCACTGGCCACCTATGGAAGTATAAGCCAGATACTCGCTTTGGGATGAAGATTGTGGATTTGCACT
 GATGTGTTTCAGAAAACACAGAGCTCAGATTCTCAGGATGCAGTGGCTAAGCCCCAAGGAACTGTCAAAG
 CAATATGTGTTTACGACGAGCGAAATACTTAAGGAAGGAAGACATTGAGTTCATTAGGAAGTTTGCAGT
 TCACCATTTCACTCAGGAAGTCTACCTATATTCTGAATGCCAAGAAGAACTGGAGTTCGCCATTTGCT
 AAGTTCATAATGGAGGAGGAAAGACTGGAATTAGCCAGATCGATGGAGATACAAGAAGAAGACATAGTGT
 TACTGACTGCTGGGGAACATGAGAAAGCATGCTCTCTGTTGGGAAAGTTACGGCTAGAGTGTGCAGACCT
 TTTGGAGATGAGAGGAGCGGTGCTCCGAGACCCAGCAGTGTCTCTTTCTTTGGTGGTTGACTTTCCA
 CTCTTCTTCCCAAGGAAGAGAGTCCCACAGAGCTGGAGTCAAGCCATCACCCTTACTGCTCCTAACT
 CCAGTGACATTCACCTCCTCTATACTGAGCCGGAAAAGGTTTCGTGGCCAACACTATGACTTGGTTTTAAA
 CGGCAATGAGATAGGAGTGGTTCTGTCCGAATCCATGATGCACAGCTACAGAGGTACATCCTGGAACA
 CTGCTAAAGGAAGATGTGAAATTGCTTTCCCATCTGCTTCAGGCTTTAGACTATGGGGCACCCCCACAG
 GAGGAATTGCCTTAGGGTTAGACAGACTGGTATGTCTTGTACGGGAGCACCCAGCATCAGAGATGTCAT
 AGCCTTCCCTAAATCCTACCGAGGACAGGACCTTATGAGCAATGCTCCAGACTCCGTGTCTCCAGAAGAG
 CTGAAGCCTTACCATATCCACGTCTTGTGGCCAGCAGACTCAGAAGAGGAGAGTGCATCCGCCACACCTT
 CCAAACACTTGAGCTCTTAACCTTTGCTTCTCTGCTTCCAAACTTAAATTAAGATCCAGACCTGCCA
 CAGACTTTAGAACCAAATGTCTGTGTAAGCAATCATTACCGAGTAAGAAAGAGAAGCTACACAATTGT
 GACTTGGTCATGTGTACCATTAGGACTGTCTGTGGAAGTTTTTTAATTGGAAAATTGTCAAATGAAACAA
 ACAAAACAAAAAATCTCTTTATTGAGAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Ascl-NotI
ACCN: NM_172644
Insert Size: 1962 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:	<u>BC076606</u> , <u>AAH76606</u>
RefSeq Size:	2712 bp
RefSeq ORF:	1962 bp
Locus ID:	226539
UniProt ID:	<u>Q8BIP0</u>
Cytogenetics:	1 H2.1