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Product datasheet for MC202178

Dpysl3 (NM_009468) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dpysl3 (NM_009468) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dpysl3
Synonyms:	CRMP; CRMP-4; DRP-3; TUC4; U; Ul; Ulip; ULIP-1; Ulip1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC023003 sequence for NM_009468 GGGCAGACATCCCCTGCAGCCAGAATCGCCACCATGTCCTACCAGGGCAAGAAGAACATTCCGCGGATCA CGAGTGACCGTCTTCTAATCAAGGGAGGGAGAATCGTCAATGATGATCAGTCCTTTTATGCTGATATTTA CATGGAGGATGGCTTAATAAAGCAAATTGGAGACAATCTGATTGTCCCCGGAGGTGTGAAGACCATCGAG GCCAACGGGAAGATGGTGATCCCTGGAGGCATTGACGTCCATACCCACTTCCAGATGCCTTACAAGGGAA TGACCACAGTGGACGATTTCTTCCAAGGGACAAAGGCTGCCTTAGCGGGAGGCACCACCATGATCATTGA CCACGTGGTACCTGAACCTGAGTCTAGCCTGACAGAGGCCTATGAAAAGTGGCGTGAGTGGGCCGATGGG AAGAGCTGCTGTGACTATGCTTTGCATGTGGACATCACCCACTGGAATGACAGCGTCAAGCAGGAGGTAC AGAGCCTCAGCAAGGAAAAAGGCGTTAACTCCTTCATGGTTTACATGGCCTACAAGGATTTATATCAAGT GTCCAACACAGAGCTCTATGAGATCTTCACCTGCCTGGGAGAGCTGGGGGCCATTGCTCAAGTTCATGCC GAGAATGGAGATATCATTGCCCAGGAGCAGGCACGGATGCTGGAAATGGGGATAACCGGCCCAGAAGGCC ACGTTCTGAGCAGACCGGAAGAGCTGGAAGCTGAGGCTGTGTTCCGTGCCATCACCGTCGCCAGCCAGAC CAACTGCCCCCTCTATGTCACCAAGGTCATGAGCAAGAGCGCGGCTGATCTCATCTCACAAGCCAGGAAG AAAGGAAATGTGGTCTTTGGCGAGCCCATCACTGCCAGCCTGGGAATAGATGGAACTCATTACTGGAGTA AGAACTGGGCCAAAGCAGCTGCGTTTGTGACATCCCCACCTCTGAGCCCTGACCCTACCACACCTGACTA CATCAACTCCTTGCTGGCCAGCGGGGATCTGCAGCTCTCTGGAAGTGCCCACTGTACCTTTAGCACTGCC CAGAAAGCCATTGGGAAGGACAACTTCACAGCCATCCCTGAAGGCACCAATGGCGTGGAGGAGCGTATGT CTGTCATCTGGGACAAGGCTGTGGCCACGGGGAAGATGGATGAAAACCAGTTTGTGGCCGTGACAAGCAC CAATGCTGCCAAGATATTCAACCTGTACCCTCGAAAGGGGAGAATAGCTGTGGGCTCTGACAGCGACCTT GTCATCTGGGATCCAGATGCCTTGAAGATTGTCTCTGCCAAGAACCACCAGTCGGTTGCCGAATACAACA TCTTTGAAGGGATGGAGCTGCGTGGTGCACCTCTGGTGGTTATCTGCCAGGGCAAGATCATGCTGGAAGA TGGCAACCTGCACGTGACCCAGGGGGCTGGCCGCTTCATTCCCTGCAGCCCATTCTCTGACTATGTCTAT AAGCGCATTAAAGCAAGGAGGAAGATGGCAGACCTGCATGCAGTCCCAAGAGGCATGTATGATGGACCAG TGTTTGACTTGACCACCACCCCCAAGGGGGGCACCCCAGCTGGCTCTACTCGGGGCTCTCCCACTCGGCC AAACCCGCCAGTGAGGAACCTCCATCAGTCAGGATTTAGCCTGTCAGGCACCCAAGTGGATGAGGGTGTC CGCTCAGCTAGCAAACGCATTGTGGCACCCCCTGGAGGCCGTTCTAACATCACATCCCTGAGTTAAGCCC TCCCAAAGAGGGAGGCAGAAGCAAAAAAAAAAAAA

View online »

Restriction Sites:	RsrII-NotI
ACCN:	NM_009468
Insert Size:	1713 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:	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:	BC023003, AAH23003
RefSeq Size:	1785 bp
RefSeq ORF:	1713 bp
Locus ID:	22240
UniProt ID:	Q62188
Cytogenetics:	18 B3
Gene Summary:	This gene encodes a protein that belongs to the TUC (TOAD-64/Ulip/CRMP) family of proteins. Members of this family are phosphoproteins that function in axonal guidance and neuronal differentiation during development and regeneration of the nervous system. A mutation in the human gene is associated with amyotrophic lateral sclerosis. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Apr 2014] Transcript Variant: This variant (2) represents the use of an alternate promoter, differs in the 5' UTR, lacks a portion of the 5' coding region and initiates translation from an alternate start codon compared to variant 3. The encoded isoform (CRMP4a, also known as isoform 2) has a distinct N-terminus and is shorter than CRMP4b. 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.