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Product datasheet for SC317091

CRPPA (NM_001101426) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CRPPA (NM_001101426) Human Untagged Clone
Tag:	Tag Free
Symbol:	CRPPA
Synonyms:	hISPD; ISPD; LGMDR20; MDDGA7; MDDGC7; Nip
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_001101426 edited GCCACCATGGAGGCCGGGCCGCCGGGCAGCGCCAGGCCGGCGGAGCCGGGTCCTTGCCTG AGTGGTCAGCGCGGCGCGGACCACACGGCTTCCGCCTCCCTGCAGAGCGTGGCCGGGACC GAGCCCGGGCGCCACCCGCAAGCCGTGGCAGCTGTGTTGCCTGCCGGGGGGTGCGGGGAG AGGATGGGGGTCCCCACCCCGAAGCAATTCTGCCCCATCCTGGAGAGGCCGCTCATCAGC TACACCCTACAGGCCCTGGAGAGAGTATGTTGGATAAAGGACATTGTTGTGGCAGTAACT GGAGAGAACATGGAAGTAATGAAAAGTATTATTCAGAAGTATCAGCATAAACGCATCTCA CTGGTCGAAGCTGGAGTGACCCGCCACAGGTCAATTTTCAATGGACTAAAAGCACTGGCA GAAGATCAGATCAACTCTAAACTCTCTAAGCCAGAAGTAGTGATTATCCATGATGCTGTG AGACCATTTGTTGAGGAAGGTGTCCTTCTTAAAGTTGTCACAGCTGCTAAGGAACACGGG GCAGCAGGAGCCATTCGACCTCTTGTATCTACTGTCGTCAGTCCATCTGCTGATGGTTGC TTAGACTACTCGCTAGAACGTGCCAGACACAGAGCAAGTGAAATGCCCCAAGCTTTTCTA TTTGATGTGATTTATGAAGCATATCAGCAGTGTAGTGACTATGACTTGGAATTTGGAACT GAGTGTTTGCAATTGGCCCTAAAATACTGTTGCACTAAAGCCAAACTTGTAGAAGGATCA CCTGACCTCTGGAAGGTGACCTACAAACGAGATCTCTATGCGGCTGAATCGATTATTAAG GAGAGAATTTCCCAAGAGATTTGTGTAGTTATGGATACAGAAGAAGATAACAAACATGTA GGTCATCTTCTTGAAGAAGTGCTGAAAAGTGAATTAAATCATGTAAAAGTCACATCTGAG GCTCTGGGTCATGCTGGCAGACATCTTCAGCAAATCATCTTAGATCAATGCTACAATTTT GTTTGTGTGAATGTTACAACCTCTGATTTTCAAGAAACCCAGAAGTTACTGAGCATGCTT GAAGAGAGTAGTCTTTGCATTTTATATCCTGTTGTTGTTGTTTCAGTTCATTTTCTTGAT TTTAAATTAGTACCTCCCAGTCAGAAAATGGAAAACCTAATGCAGATTAGAGAATTTGCA AAGGAAGTAAAAGAAAGAAATATTTTGTTATATGGGCTTCTCATATCTTACCCACAGGAT GATCAGAAGCTACAGGAGAGTTTAAGGCAAGGTGCTATCATTATTGCTTCATTAATCAAG GAAAGAAATTCTGGACTCATTGGTCAGCTTCTGATAGCATGAAGAACAC
Restriction Sites:	Please inquire

View online »

ACCN:	NM_001101426
Insert Size:	1400 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	NM_001101426.1, NP_001094896.1
RefSeq Size:	1415 bp
RefSeq ORF:	1356 bp
Locus ID:	729920
UniProt ID:	A4D126
Cytogenetics:	7p21.2
Gene Summary:	This gene encodes a 2-C-methyl-D-erythritol 4-phosphate cytidylyltransferase-like protein. Mutations in this gene are the cause of Walker-Warburg syndrome. Alternate splicing results in multiple transcript variants. [provided by RefSeq, May 2012] Transcript Variant: This variant (1) represents the longer transcript and encodes the longest isoform (a). 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. The full extent of this transcript is supported by and orthologous data in mouse (NM_178629.5).