

Product datasheet for RN210613

Ckb (NM_012529) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ckb (NM_012529) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ckb
Synonyms:	Ckbb; Ckbr; CPK-B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN210613 representing NM_012529 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCCTTCTCCAACAGCCACAACACGCAGAAGCTGCGCTTCCCGCCGAGGATGAATTCCTGATCTGA
GCAGCCACAACAACCATATGGCCAAGGTGCTGACCCCGAGCTGTACGCGGAGCTCCGTGCCAAGTGAC
GCCGAGCGGCTTACGTTGGACGACGCCATCCAGACTGGCGTAGACAATCCGGGCCACCCGTACATCATG
ACAGTGGGTGCAGTGGCGGGCAGCAGGAGAGTTACGACGTATCAAGGACCTTTTCGACCCCATCATCG
AGGACCGGCACGGCGGCTACCAGCCAGTGATGAGCACAAGACTGACCTCAACCCAGACAACCTGCAGGG
CGGCGATGACCTGGACCCAACTACGTGCTGAGCTCGCGGGTGCACAGGCCGAAGCATCCGCGGCTTC
TGCTCCCCCTCACTGCAGCCGTGGGGAGCGCCGCCATCGAGAAGCTGGCAGTAGAAGCCCTGTCCA
GCCTAGATGGCGACCTGTCTGGCAGTACTATGCGCTCAAGAGCATGACCGAGGCGGAGCAGCAGCAGCT
CATTGACGACCACTTCTCTTCGACAAGCTGTGTGCGCTCTGCTGCTGGCCTCCGGCATGGCCCGCAGC
TGGCCGGATGCTCGCGGCATTTGGCACAATGACAATAAGACGTTCTGTTGGTGAACAGGAGGACC
ACCTGCGGGTTATCTCCATGCAGAAAGGGGGCAACATGAAGGAAGTTTTCACGCGATTCTGCACTGGCCT
CACTCAGATTGAACTCTCTCAAGTCTAAGAACTATGAGTTCATGTGGAACCTCACCTGGGCTACATC
CTCAGTGCCCATCCAACCTGGGCACTGGGCTTCGGGCAGGCGTGACATCAAGCTGCCCCACCTGGGAA
AGCACGAGAAGTTCTCGAGGTGCTCAAGCGACTGCGGCTTCAGAAGCGAGGCACAGGTGGTGTGGACAC
CGCTGCTGTGGGTGGAGTTTTGATGTCTCCAACGCTGACCGCCTGGGCTTCTCGAGGTGGAGCTGGTG
CAGATGGTGGTGGACGGAGTGAAGCTACTCATTGAGATGGAGCAGCGGCTTGAGCAGGTCAGCCATTG
ACGACCTCATGCCTGCCAGAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_012529
Insert Size:	1146 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_012529.3 , NP_036661.3
RefSeq Size:	1463 bp
RefSeq ORF:	1146 bp
Locus ID:	24264
UniProt ID:	P07335
Cytogenetics:	6q32
Gene Summary:	brain specific isozyme that catalyzed the interconversion of ATP and creatine to ADP and phosphocreatine; may play a role in ATP generation during cerebellar development [RGD, Feb 2006]