

Product datasheet for **MC217085**

Kpna7 (NM_001013774) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kpna7 (NM_001013774) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Kpna7
Synonyms:	AW146299; Gm1055
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217085 representing NM_001013774
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTACCTCAAAGGCTCCCAAAGAGAGGCTGAAGAACTATAAGTACCGAGGCAAAGAAATGTCATTGC
 CACGACAACAGAGGATTGCTTCCAGTCTCAACTCCGGAAGACCAGGAAAGATGAGCAGGTGCTAAAGAG
 AAGAAATATCGATCTGTTCTCCAGTGACATGGTTTCTCAAGCACTAGTCAAAGAGGTCAACTTCACTCTG
 GACGACATCATCCAAGCGGTGAATAGTTCAGATCCAATCCTGCATTTTCGGGCTACCCGGGCTGCCAGGG
 AAATGATCTCGCAGGAAATACCCCTCCTCAATTTGATTATTGAGGCCGGGCTCATTCCCAAGCTGGT
 GGACTTCTGAAGGCGACACCTCACCCCAAGCTGCAGTTCGAGGCCGCATGGGTGCTCACCAACATTGCC
 TCAGGAACTTCAGAGCAGACCCGAGCTGTTGTGAAAGAGGGTGCCATTACGCCCTGATTGAACTCCTCT
 GTTCCCCACACCTGACAGTGTCTGAGCAGGCAGTGTGGGCCCTTGGGAATATCGTGGAGACTGTGCAGA
 ATTCAGAGACTGTGTCATCTCCAATAATGCCATCCACACCTGATCAACCTTATTTCAAAGGCATACCA
 ATCACATTTCTTCGGAACATCTCATGGACTTTGTCCAACTTATGCCGAAACAAAGATCCATATCCCAGTG
 AGAGCGCCGTGCCGCAGATGCTACCTCCCTCTGTCAACTCCTGCTGCATCGTGATAATGAGATCCTCGC
 AGATACCTGCTGGGCCCTGTCTACCTGACCAAGGGTGGCAAAGAGTATATCCATCATGTGGTGACCACT
 GGCATCCTGCCAGGCTTGTAGAGCTTATGACCAGCTCGGAACCTCAGCATCTCGATACCTTGTCTCCACA
 CTATAGGCAACATTGTGGCAGGAACAGATGAACAGACCCAGATGGCTATCGATGCTGGCATGCTGAAGGT
 GTTGGGCCAGGTCCTGAAGCACCCGAAGACCTCCATCCAGGTGCTGGTGCCTGGACCATGAGCAACGTG
 GCCGCTGGGCCAGACACCAAGTGGAGCAGCTTTTGTGTAACCTTGTGCTGCTATTTTGGTAGACCTACTAA
 GGATGACAGAATAAAAGTCCAGAAGGAGTTGTGTGCACTGTGATTAACATTGCAACAGGAGCCTCTCA
 GGACCAGCTGACTCTGCTTGCCCACTCGGGAATCTTGGAGCCAATGCTGAGTCTGCTCTCCGCCCCAGAC
 TTGGAGGTGGTCATCATCGTCTAGACATCATTTCTTATCTCCTCCAGCATATAGACAATCTACAAGAGA
 AGAAAAGGCTGTATTTTCAGATAGAAAAATTTGGTGGCTTTGAAAAAATTGAGTGTTTACAGCACCACCA
 CAACATTTCCATCAGCAATAGCGCCCTGGACATCATCGAGAAATACTTCTGTGAGGATGGAGATGGTGAC
 AGTTTGCCCGGGCTGGGCTGAGAGT**TGA**

ACGGTACGGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001013774

Insert Size: 1500 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: [NM_001013774.2](#), [NP_001013796.2](#)

RefSeq Size: 2248 bp

RefSeq ORF: 1500 bp

Locus ID: 381686

UniProt ID: [COLL10](#)

Cytogenetics: 5 G2

Gene Summary: Functions in nuclear protein import.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1.