

Product datasheet for **RR206024**

Kalrn (NM_032062) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Kalrn (NM_032062) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Kalrn
Synonyms: Duo; Hapip; Kalirin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR206024 representing NM_032062
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGATCGCC

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 CAGGAAGACCTACGAACTCGTGACGAATTTGGCCAGCGTGCCAAGCGAGGACGTTTGGAAACGTGGCT
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TGCTGCACCACCAGCGGGCTCGAGAGCATCTGGCAGCACCGTAAAGTGC GGCTTACCAGCGGCTGCA
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Protein Sequence: >RR206024 representing NM_032062
 Red=Cloning site Green=Tags(s)

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 FLDESKEETCINVCRVDFSPHEYFCGVSNAARDFINVILQEDFRRRPTAATCLQHPWLQPHNGSYSKIP
 LDTSRLACFIERRKHQNDVRPIPNVKSIVNVRVQGTMSKVTSSSTG*TRG

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

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 Size:	8980 bp
RefSeq ORF:	8934 bp
Locus ID:	84009
UniProt ID:	P97924
Cytogenetics:	11q22
MW:	339.2 kDa
Gene Summary:	binds the human huntingtin associated protein Hap1 in vitro; has GDP/GTP exchange factor activity for Rho subfamily GTP-binding proteins [RGD, Feb 2006]