

Product datasheet for **RN206024**

Kalrn (NM_032062) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kalrn (NM_032062) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kalrn
Synonyms:	Duo; Hapip; Kalirin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN206024 representing NM_032062 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACGGACCGCTTCTGGGACCAGTGGTATCTTTGGTATCTCCGCTTGCCTCGGCTTCTGGATCGAGGAT
CTTTTCGGAATGATGGTTTGAAGCTTCTGATGTCCTTCTCATCCTAAAGGAGAAAAGTGGCCTTTGTGTC
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ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_032062
Insert Size:	8934 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:	<u>NM_032062.2</u> , <u>NP_114451.2</u>
RefSeq Size:	8980 bp
RefSeq ORF:	8934 bp
Locus ID:	84009
UniProt ID:	<u>P97924</u>
Cytogenetics:	11q22
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]