

Product datasheet for RN212134

Kif13b (NM_213626) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kif13b (NM_213626) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kif13b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN212134 representing NM_213626 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGCGACTCCAAAGTAAAAGTGGCGGTACGGGTCGGCCAATGAACCGACGAGAAATTGACTTACATA
CCAAATGTGTGGTGGATGTTGAAGCAAACAAAGTTATTTTGAATCCTATAAATACAAATCTTTCCAAAGG
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CAGAGGAGGCTCAGCAGGGCAGCCCTGGGCTAGTGGGCTTTGGAGTCTATGGTGAAGATGGCGGCCCC
TACAGTAAAGATCTGCGACAAAACCTGTGAGAGTGTCTTCCCTCCATCTACCATGGTAGTTACTCAGCCC
CAAGAAGGGCAGGATGGACCTCCAGCCCTTGAGCGAAGCTTCAAGTGGCTACTTCTCTCACAGTGTCT
CCTGTCACCCCTGTGAGAAAAGCTCACCTTAGGCCTGGACACCAGGCCTCGGAGCCAGACACCTGG
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AGAGGCCCGCAGGAGTGTACTATCTCGGGCTCTGCCACCAACCTGGCTTCACTGACAGCTGCATTGGCC
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_213626
Insert Size:	5304 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_213626.1, NP_998791.1</u>
RefSeq Size:	5304 bp
RefSeq ORF:	5304 bp
Locus ID:	305967
Cytogenetics:	15p12
Gene Summary:	human homolog has microtubule stimulated ATPase activity; binds the human discs large (Dlg) tumor suppressor homolog; may play a role in intracellular transport of Dlg [RGD, Feb 2006]