

Product datasheet for **RG217730**

KIF25 (NM_005355) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KIF25 (NM_005355) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	KIF25
Synonyms:	KNSL3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG217730 representing NM_005355 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACATGGACCTCAGGTCAGCTTCAGCGTGAGAAGCAGGCCAGGCCTGGGTCTGGAGCCGTCCTGGCCT
TCCCAGATGACAAGGACCTCAGGGTTTATGGTCCAGCAGAGTCTCAGAGCGCGTCTTTGGAGATGTGTG
CCCCCTACTCACTTCTCTTGGATGGGTACAATGTTTGTGTTATGGCGTATGGACAGACGGGCAGCGGA
AAGAGCTATACCATGCTGGGACGCCATTCGGACGACGGCCCTGTTCTGCCGCTTGACCCACAGAGTGACT
TAGGAATTATCCCTAGAGTGGCTGAGGAGCTCTTCAGGCTTATTTTGAAAATACCTCAAGAAGCCAAA
GGTTGAAGTCTCCATAGTGGAAGTTTACAATAATGACATTTTTGACCTTCTGGCCAAAGACAGCATTGCA
GCAGTGTCTGGGGTCAAGCGTGAGGTGGTGACAGCCAAGGATGGACGGACAGAGGTTGCGCTGCTGGCCT
CTGAGGCTGTCTGGCAGCGCCTCGAAACTGATGGAGCTCGTTTATGGAGGTCTGCAGCTCAGGGCGAAGCA
CCCCACCTGGTGACCGCGGATTCTCCAGGTCTCACCTGATAATTACGGTGACTCTAACACAGCCTCC
TGCTCTGACAGCACTGCAGACCAAGCCTGCAGTGCCACCTCCCCAGGGAGCAAACAGAGGCAGGAAGGG
CAGGAAGGAGCCGAGAGCTTCTCAAGGGCCCTGGCTCCACAGCTGGTTCCTGGGAACCCCGCAGGGCA
TGCGGAGCAGGTGCAGGCTCGACTACAGCTCGTGGACTCGGCCGGCAGCGAGTGCGTTGGAGGCGATGCC
AAGTTACTGGTGATTCTCTGCATTTCTCCAGCCAGAGGCACCTGGCACAGACGTTGCAGGGCCTGGGTT
TCGGGATCCGAGCTCGGCAAGTCCAGCGAGGCCCTGCCGAAAGAAGCCGCCAGCTCCAAACGGAGGG
GAAGAGGAGGCCGGAT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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_005355.2](#), [NP_005346.2](#)

RefSeq Size: 1354 bp

RefSeq ORF: 999 bp

Locus ID: 3834

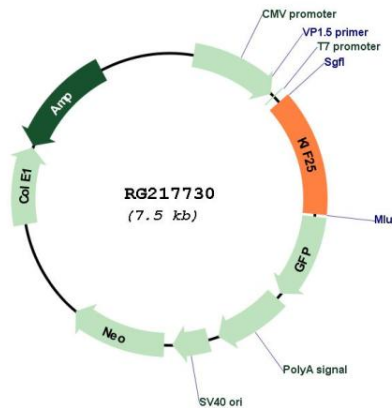
UniProt ID: [Q9UIL4](#)

Cytogenetics: 6q27

Protein Families: Druggable Genome

Gene Summary: The protein encoded by this gene is a member of the kinesin-like protein family. Protein family members are microtubule-dependent molecular motors that transport organelles within cells and move chromosomes during cell division. However, the particular function of this gene product has not yet been determined. Two alternatively spliced transcript variants which encode products have been described. Other splice variants have been found that lack exon 2 and the initiation codon for translation. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG217730