

Product datasheet for **RG213390**

KBTBD3 (NM_198439) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KBTBD3 (NM_198439) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	KBTBD3
Synonyms:	BKLHD3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG213390 representing NM_198439
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAATTGGCTATGGATAATTCATATGCTTTCAATCAACGAAGCACATGTAATGGAATTCATCTGAGA
 AGAAAAACAACCTTCCTTGATCAGAAGATCATGGACAAAAATCTTAAGTGTACTACAGAATTTAGAGA
 AAAAAATGCTTTTATGATTTCAAAATAATTATGAAAGATGAAATAATCCCGTGCATCGTTGTGTGTTA
 GCAGCATGCAGTGACTTTTTAGGGCTATGTTGAAGTAAACATGAAAGAAAGAGATGATGGAAGTGTTA
 CCATTACTAATTTGCTCCTCAAGGCAGTAAAGCATTCTCGATTATGCCTATACTGGAAAAACAAAAAT
 AACAGATGATAATGTGGAATGTTCTTCCAGTTGTCATCATTTCTCAAGTTTCTTCTATCCAAAGCT
 TGCAGTGACTTTTTAATAAAAAGTATTAATCTTGCAATTGTTTACAGTTATTATCTATATCAGATAGCT
 ATGGCTCCACAGTTTGTGATCATGCATTACACTTTGTACAACATCACTTTTCTTTATTATTTAAATC
 CAGTGATTCTTAGAGATGAATTTGGAGTACTACAGAAATGTCTGGAATCAGATGAATTAATGTTCTCT
 GAAGAAGAAATGGTACTGAAAGTTGTCCTTAGTTGGACTAAACATAACTTAGAATCAAGGCAAAAGTATC
 TGCCCTCATTTGATTGAAAAAGTGAGATTACATCAGTTATCTGAGGAGACACTTCAGGACTGTCTGTTCAA
 TGAAGAGAGTTTACTCAAAAGCACAACTGTTTTGACATAATCATGGATGCAATTAAGTGTGTGCAAGGT
 TCTGGTGGACTCTTCCCTGATGCTCGACCATCCACAAGTGAAGAAATACATATTCAATTCACAAAAGTGAAG
 AAAATGGAGAAATCAATATACATTTTGTCTATAACATTAATCTGATTTCATGAAATACTGCCGCAATC
 ACACCTGATTGATTTGCCAGGATCTAGTCTTTCGAGTTACGGAGAGAAAAATTTCTTGACAGGTGGTTGC
 AAAGGGAAATGTTGTGCAACGGTTCGACTGCATATTGCCGAGTCATATCATGATGCCACTGATCAAACT
 GGTGCTACTGTCCAGTGAAAAATGATTTCTTCTTGGTATCAACTATGAAAACCAAGAACCATGCATAC
 ATCAGTTATGGCTCTCGATAGATTATTTGTCATAGGTGGAAAACTAGAGGATCCCGGGACATTAAAGT
 CTCTTAGATGTTGAATCTTACAATCCTCTTTCCAAAGATGGATATCTGTTAGCCATTACCCAGAGGCA
 TATACTATCCAGAAGCAAGCACATGCCAAATGAATTTATGTTCTTGGATCAGAGGTAGAGATTACAGA
 TGCTTTTAACCCATCACTTGATTGCTTTTTTAAATACAATGCTACAAGTATCAGTGGTCTGAACTAGTA
 GCAGAGTTGGGCAATTTTTCATGCAACATTAATTAAGCTGTACCAGTAACTGTACACTGTATATAT
 GTGACCTTTCCACCTATAAGGTTTATAGTTTTGTCCAGACACTGTGTTTGGAAAGGCGAAGGATCTTT
 TGAGTGTGCAGGCTTAAATGCAGGTGCAATTGGAATTGAAGATAAAATTTATATATTAGGTGGTATTAT
 GCACCAGATGAAATCACAGATGAAGTGCAGGTCTACCACAGCAACAGGTCTGAATGGGAAGAAGTTTCAC
 CAATGCCTAGAGCCTAACAGAATTTACTGCCAGGTGATTGAGTTTAAATAAATACAGAGACCCATGGTT
 TTCTAATCTATGTGCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG213390 representing NM_198439
 Red=Cloning site Green=Tags(s)

MELAMDNSYAFNQIRSTCNGIPSEKKNFLVSEDHGQKILSVLQNFREQNVFYDFKIIMKDEIIPCHRCVL
 AACSDFFRAMFEVNMKERDDGSVTITNLSKAVKAFLDYAYTGKTIITDDNVEMFFQLSSFLQVSFLSKA
 CSDFLIKSINLVNCLQLLSISDSYGSTSLFDHALHFVQHHFSLLFKSSDFLEMNFGVLQKCLESEDELNVP
 EEEMVLKVVLSWTKHNLESRQKYLPHLIEKVRLHQLSEETLQDCLFNEESLLKSTNCFDIIMDAIKCVQG
 SGGLPDARPSTTEKYIFIHKTEENGENTYFCYNIKSDSWKILPQSHLIDLPSSLSYGEKIFLTGGC
 KGKCCRTVRLHIAESYHDATDQWCYCPVKNDFFLVSTMKTPTMTSMALDRLFVIGGKTRGSRDIKS
 LLDVESYNPLSKEWISVSPLPRGIYYPEASTCQNVIIYVLGSEVEITDAFNPSLDCCFKYNATTDQWSELV
 AEFQGFFHATLIKAVPVNCTLYICDLSTYKVYSFCPDTVCWKGEFSFECAGFNAGAIGIEDKIYILGGDY
 APDEITDEVQVYHSNRSEWEVSPMPRALTEFYCQVIQFNKYRDPWFSNLCA

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_198439

ORF Size: 1836 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_198439.3](#)

RefSeq Size: 3976 bp

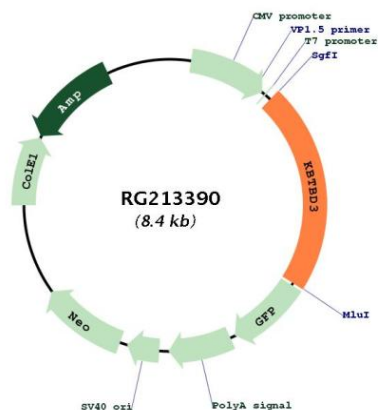
RefSeq ORF: 1839 bp

Locus ID: 143879

UniProt ID: Q8NAB2

Cytogenetics: 11q22.3

Product images:



Circular map for RG213390