

Product datasheet for **RG220393**

Cytokeratin 18 (KRT18) (NM_000224) Human Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Cytokeratin 18 (KRT18) (NM_000224) Human Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | Cytokeratin 18 |
| Synonyms: | CK-18; CYK18; K18 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| ORF Nucleotide Sequence: | >RG220393 representing NM_000224 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGTTCACCACTCGCTCCACCTTCTCCACCACTACCGGTCCCTGGGCTCTGTCCAGGCGCCAGCT
ACGGCGCCCGCCGGTCAGCAGCGCGGCCAGCGTCTATGCAGGCGCTGGGGCTCTGGTTCCCGGATCTC
CGTGTCCCGCTCCACCAGCTTCAGGGCGGCATGGGTCCGGGGCTGGCCACCGGGATAGCCGGGGT
CTGGCAGGAATGGGAGGCATCCAGAACGAGAAGGAGACCATGCAAAGCCTGAACGACCGCCTGGCCTCTT
ACCTGGACAGAGTGAGGAGCCTGGAGACCGAGAACCGGAGGCTGGAGAGCAAATCCGGGAGCACTTGA
GAAGAAGGACCCAGGTGAGAGACTGGAGCCATTACTTCAAGATCATCGAGGACCTGAGGGCTCAGATC
TTCGCAAATACTGTGGACAATGCCCGCATCGTTCTGCAGATTGACAATGCCCGTCTTGCTGCTGATGACT
TTAGAGTCAAGTATGAGACAGAGCTGGCCATGCGCCAGTCTGTGGAGAACGACATCCATGGGCTCCGCAA
GGTCATTGATGACACCAATATCACAGACTGCAGCTGGAGACAGAGATCGAGGCTCTCAAGGAGGAGCTG
CTTTCATGAAGAAGAACCACGAAGAGGAAGTAAAAGGCTACAAGCCAGATTGCCAGCTCTGGTTGA
CCGTGGAGGTAGATGCCCCAAATCTCAGGACCTCGCCAAGATCATGGCAGACATCCGGGCCAAATGA
CGAGCTGGCTCGGAAGAACCAGAGGAGCTAGACAAGTACTGGTCTCAGCAGATTGAGGAGACACCACA
GTGGTCACCACACAGTCTGCTGAGTTGGAGCTGCTGAGACGAGCTCACAGAGCTGAGAGCTACAGTCC
AGTCTTGGAGATCGACCTGGACTCCATGAGAAATCTGAAGGCCAGCTTGGAGAACAGCCTGAGGGAGGT
GGAGGCCCGCTACGCCCTACAGATGGAGCAGCTCAACGGGATCCTGCTGCACCTTGAATCAGAGCTGGCA
CAGACCCGGGAGAGGGACAGCGCCAGGCCAGGAGTATGAGGCCCTGCTGAACATCAAGGTCAAGCTGG
AGGCTGAGATCGCCACCTACCGCCGCTGCTGGAAGATGGCGAGGACTTAACTTGGTATGCCTTGA
CAGCAGCAACTCCATGCAAACATCCAAAAGACCACCACCGCCGGATAGTGGATGGCAAAGTGGTGTCT
GAGACCAATGACACCAAAGTTCTGAGGCAT

ACCGTACGCGGCCGCTCGAG - 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_000224.3](#)

RefSeq Size: 1485 bp

RefSeq ORF: 1293 bp

Locus ID: 3875

UniProt ID: [P05783](#)

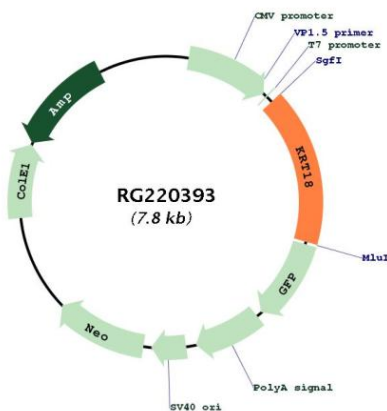
Cytogenetics: 12q13.13

Domains: filament

Protein Pathways: Pathogenic Escherichia coli infection

Gene Summary: KRT18 encodes the type I intermediate filament chain keratin 18. Keratin 18, together with its filament partner keratin 8, are perhaps the most commonly found members of the intermediate filament gene family. They are expressed in single layer epithelial tissues of the body. Mutations in this gene have been linked to cryptogenic cirrhosis. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG220393