

Product datasheet for **RG223858**

IL31 (NM_001014336) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: IL31 (NM_001014336) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: IL31
Synonyms: IL-31
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG223858 representing NM_001014336
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCTCTCACTCAGGCCCTCGACGTCTGTGCTCTTTCTGTTCTGCTGCCTGGGAGGCTGGCTGGCCT
 CCCACACGTTGCCGTCGGTTTACTACGACCAAGTATGATGTACAGAAAATAGTCGAGGAATTACAGTC
 CCTCTCGAAGATGCTTTTGAAGATGTGGAGGAAGAGAAGGGCGTCTGTCGTCCAGAATTACACGCTG
 CCGTGTCTCAGCCCTGACGCCAGCCGCAAAACAACATCCACAGCCAGCCATCCGGGCATATCTCAAGA
 CAATCAGACAGCTAGACAACAAATCTGTTATTGATGAGATCATAGAGCACCTCGACAAACTCATATTTCA
 AGATGCACCAGAAACAAATTTCTGTGCAACAGACCCATGAATGTAACGCTTCATCTGACTATT
 TCTCAACAGTTTTTCAGAGTGCATGGACCTCGCACTAAAATCATTGACCTCTGGAGCCCAACAGGCCACCA
 CT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG223858 representing NM_001014336
 Red=Cloning site Green=Tags(s)

MASHSGPSTSVLFLFCCLGGWLASHTLPVRLLRPSDDVQKIVEELQSLSKMLLKDVVEEKVGLVVSQNYTL
 PCLSPDAQPPNNIHSPAIRAYLKTIRQLDNKSVIDEIIEHLDKLIQDAPETNISVPTDTHECKRFILTI
 SQQFSECMDLALKSLTSGAQQATT

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



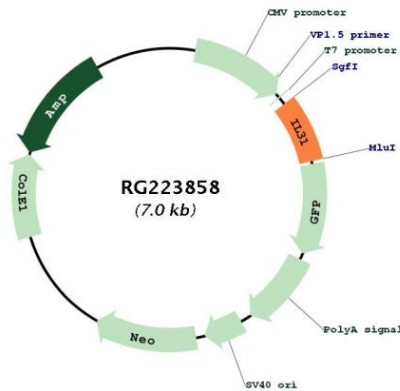
[View online »](#)

Cytogenetics: 12q24.31

Protein Families: Secreted Protein, Transmembrane

Gene Summary: IL31, which is made principally by activated Th2-type T cells, interacts with a heterodimeric receptor consisting of IL31RA (MIM 609510) and OSMR (MIM 601743) that is constitutively expressed on epithelial cells and keratinocytes. IL31 may be involved in the promotion of allergic skin disorders and in regulating other allergic diseases, such as asthma (Dillon et al., 2004 [PubMed 15184896]).[supplied by OMIM, Mar 2008]

Product images:



Circular map for RG223858