

Product datasheet for **RG215491**

IL26 (NM_018402) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: IL26 (NM_018402) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: IL26
Synonyms: AK155; IL-26
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG215491 representing NM_018402
Red=Cloning site **Blue**=ORF **Green**=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCTGGTGAATTCATTTGAGGTGTGGGTGCTGTTAGTCACTCTGTCTCTTGCCATTGCCAAGCACA
AGCAATCTTCCTCACCAAAAGTTGTTACCAAGGGAACATTGTCCAAGCTGTTGACGCTCTCTATAT
CAAAGCAGCATGGCTCAAAGCAACGATTCCAGAAGACCGCATAAAAAATACGATTATTAAGAAAGAAA
ACAAAAAGCAGTTTATGAAAACTGTCAATTTCAAGAACAGCTTCTGTCCTTCTCATGGAAGACGTTT
TTGGTCAACTGCAATTGCAAGGCTGCAAGAAAATACGCTTTGTGGAGGACTTTCATAGCCTTAGGCAGAA
ATTGAGCCACTGTATTTCTGTGCTTCATCAGCTAGAGAGATGAAATCCATTACCAGGATGAAAAGAATA
TTTTATAGGATTGAAAACAAAGGAATCTACAAAGCCATCAGTGAAGTGGATATTCTTCTTCTGATT
AAAAATTATTGAAAGCAGTCAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG215491 representing NM_018402
Red=Cloning site **Green**=Tags(s)

MLVNFILRCGLLLVTLSLAIKHKQSSFTKSCYPRGTLTQAVDALYIKAAWLKATIPEDRIKNIRLLKKK
TKKQFMKNCQFQEQLLSFFMEDVFGQLQLQGCKKIRFVEDFHSLRQKLSHCISCASSAREMKSITRMKRI
FYRIGNKGIYKAISELDILLSWIKKLLLESSQ

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



Cloning Scheme:


ACCN: NM_018402

ORF Size: 513 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.

RefSeq: [NM_018402.2](#)

RefSeq Size: 1047 bp

RefSeq ORF: 516 bp

Locus ID: 55801

UniProt ID: [Q9NPH9](#)

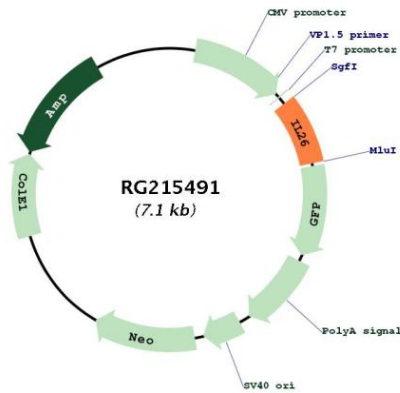
Cytogenetics: 12q15

Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway

Gene Summary: This gene was identified by its overexpression specifically in herpesvirus samimiri-transformed T cells. The encoded protein is a member of the IL10 family of cytokines. It is a secreted protein and may function as a homodimer. This protein is thought to contribute to the transformed phenotype of T cells after infection by herpesvirus samimiri. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG215491