

Product datasheet for **RG204824**

IMUP (C19orf33) (NM_033520) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	IMUP
Synonyms:	H2RSP; IMUP; IMUP-1; IMUP-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG204824 representing NM_033520
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGAGTTCGACCTGGGAGCAGCCCTGGAGCCACCTCCAGAAGCCGGTGTGGGGCGGGCCACGGGG
GAGATCCCAAGCTCAGTCCCCACAAAGTTCAGGGCCGGTCGGAGGCAGGGCAGGTCCGGGTCCAAAGCA
AGGACACCACAGCTCTCCGACTCCAGCAGCAGCTCCAGCGATTCGGACACGGATGTGAAGTCCCACGCT
GCTGGCTCCAAGCAGCAGAGCATCCCGGGCAAGGCCAAGAAGCCAAAGTGAAGAAGAAGGAGAAGG
GCAAGAAGGAGAAGGGCAAGAAGAAGGAGGCTCCCCAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG204824 representing NM_033520
Red=Cloning site Green=Tags(s)

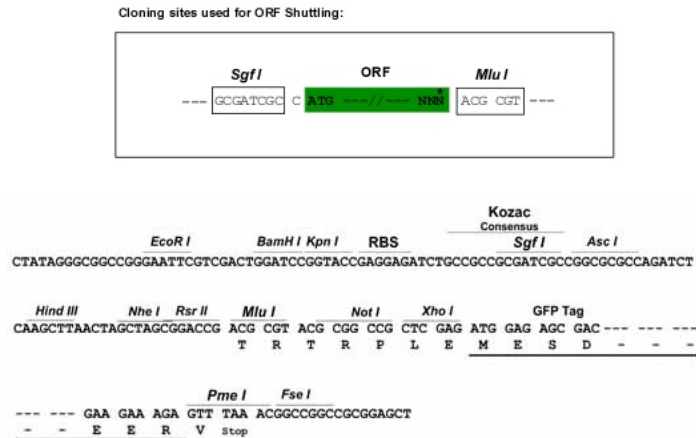
MEFDLGAALEPTSQKPGVGAGHGGDPKLSPHKVQGRSEAGAGPGPKQGHSSSDSSSSSDSDTDVKSHA
AGSKQHESIPGAKKPKVKKKEKGKKEGKKKEAPH

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



Cloning Scheme:



ACCN: NM_033520

ORF Size: 318 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.

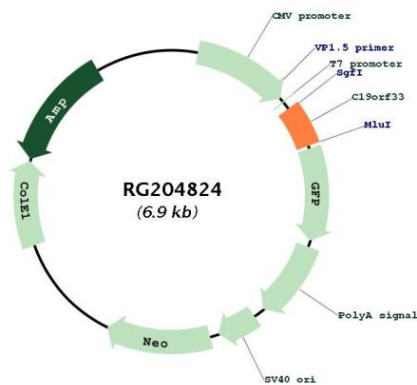
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

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_033520.3
RefSeq Size:	461 bp
RefSeq ORF:	321 bp
Locus ID:	64073
UniProt ID:	Q9GZP8
Cytogenetics:	19q13.2
Gene Summary:	The protein encoded by this gene has been shown to be upregulated in SV40-immortalized fibroblasts as well as in endometrial carcinoma cells. The encoded protein is found primarily in the nucleus. This protein may play a role in placental development and diseases such as pre-eclampsia. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2015]

Product images:



Circular map for RG204824