

Product datasheet for **RG210969**

POU2F3 (NM_014352) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: POU2F3 (NM_014352) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: POU2F3
Synonyms: Epoc-1; OCT-11; OCT11; OTF-11; PLA-1; PLA1; Skn-1a
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG210969 representing NM_014352
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGAATCTGGAGTCCATGCACACAGATATCAAGATGAGTGGGGATGTAGCCGATTCCACGGATGCTC
GCAGCACTCTCAGCCAGGTGGAGCCAGGAAATGATCGAAATGGCCTAGATTTCAACAGGCAGATTA
CGAAGATCTCAGTACTCCCTGCAGCAGACCCTCTCCATCGGCCATGCCACCTGAGTCAAGGACCTGCC
ATGATGTCGGAAACAAATGTCTGGGCTAAATGCCAGCCATGTCAGGACATGGCTTCCCTCCATCCGC
TCCAGCAGCTTGTCTGGTTCCCGGCCACTTACAGTCTGTATCCAGTTCCTGCTATCTCAGACCCAGCC
TGGGCAGCAAGGTCTGCAGCCAAATCTCCTCCCTTTCCACAGCAACAAAGCGGTCTCCTCTCCACAG
ACTGGGCCGGGACTGGCATCCCAGGCATTTGGGCACCCTGGGCTGCCAGGATCCTCTTTAGAACCCACC
TGGAGCATCCCAGCATCTCCAGTGCCCAAGCATCTACCCAGCTCTGGAGGGGCGGATGAGCCCAGTGA
CCTCGAGGAGCTGGAGAAGTTTGCCAAGACCTTCAAGCAGAGGCGCATTAAAGCTGGGCTTACACAGGGA
GATGTGGGGTGGCGATGGGAAAGCTGTATGGCAACGACTTCAGCCAGACCACCTCTCACGATTTGAGG
CCCTCAACCTGAGCTTCAAGAACATGTGCAAGCTCAAGCCCTGCTGGAGAAGTGGCTGAATGATGCAGA
GTCCTCTCCGTGAGCCCTCAGTGAGCAGCCAGCTCCTACCCAGCCTCAGTGAAGTATTTGGTAGG
AAGAGAAAAGAACGGACCAGCATCGAGACCAACATCCGCTGACTCTGGAGAAGAGGTTTCAAGATAACC
CAAAACCCAGCTCGGAGGAGATCTCCATGATTGCAGAGCAGTTGTCCATGGAGAAGGAGGTGGTGGGGT
CTGGTTCTGCAACCGACGCCAAAAGGAGAAGCGAATCAACTGCCCTGTGGCCACACCCATCAAACACCT
GTCTACAACCTCCCGGCTGGTATCTCCCTCAGGGTCTCTGGGCCCTCTCTGTCCCTCTGTCCACAGTA
CCATGCCTGGAACAGTAACGTATCCTGTTCCCTGGGAACAACAGCAGGCCTTCATCTCCTGGCTCAGG
ACTCCACGCCAGCAGCCCACTGCATCTCAAATAACTCAAAGCAGCAGTGAATCCGCTCCAGTTTT
AACTCTCAGGATCTTGGTACCGATGGAATCATTCCACCTACCTCCAC

ACGCGTACGCGGCCGCTCGAG - 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_014352.4](#)

RefSeq Size: 2868 bp

RefSeq ORF: 1311 bp

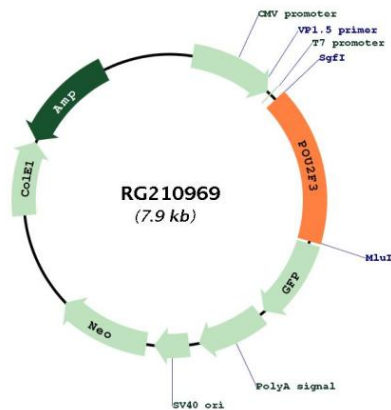
Locus ID: 25833

UniProt ID: [Q9UKI9](#)

Cytogenetics: 11q23.3

Gene Summary: This gene encodes a member of the POU domain family of transcription factors. POU domain transcription factors bind to a specific octamer DNA motif and regulate cell type-specific differentiation pathways. The encoded protein is primarily expressed in the epidermis, and plays a critical role in keratinocyte proliferation and differentiation. The encoded protein is also a candidate tumor suppressor protein, and aberrant promoter methylation of this gene may play a role in cervical cancer. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Sep 2011]

Product images:



Circular map for RG210969