

Product datasheet for **RG234208**

C19orf2 (URI1) (NM_001252641) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C19orf2 (URI1) (NM_001252641) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	C19orf2
Synonyms:	C19orf2; NNX3; PPP1R19; RMP; URI
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG234208 representing NM_001252641
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**

[illegible]

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG234208 representing NM_001252641
Red=Cloning site Green=Tags(s)

MTTWSSSLQGSHVSKRALAYALVVTNCQERIQHWKVDNDYNALRERLSTLPDKLSYINIMVPFGPFAFMPG
KLVHTNEVTVLLGDNWFAKCSAKQAVGLVEHRKEHVRTIDDLKKVMKNFESRVEFTEDLQKMSDAAGDI
VDIREETKCDFFKAKHRIAHPKPSKPKTSDIFEADIANDVKSOLLADKELWARLEELERQEELLGELD
SKPDTVIANGEDTTSSEEEKEDRNTNVNAMHQVTDSTHPCHKDVASSEPFSGQVNSQLNCSVNGSSSYHS
DDDDDDDDDDDDNIDDDGDNDHEALGVGDSNIPTIYFSHTVEPKRVIRSGKNTTLKFSEKKEEAKRK
RKSTSGSGHSAQELPIRTPADIYRAFVDVNGEYVPRKSLKRSRINTSCVSDTSESSAAEFDDRGLV
RSTISCEAFTCSDTSESILEEPOENOKVLLPLSVTPVELRLVGYSRNLAPLNVIL

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001252641

ORF Size: 1425 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_001252641.2](#)

RefSeq Size: 2496 bp

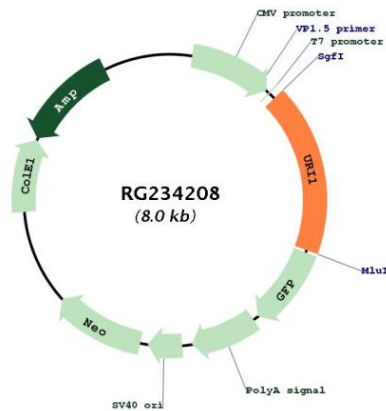
RefSeq ORF: 1428 bp

Locus ID: 8725

UniProt ID: [O94763](#)

Cytogenetics:	19q12
Protein Families:	Transcription Factors
Gene Summary:	This gene encodes member of the prefoldin family of molecular chaperones. The encoded protein functions as a scaffolding protein and plays roles in ubiquitination and transcription, in part though interactions with the RNA polymerase II subunit RPB5. This gene may play a role in multiple malignancies including ovarian cancer and hepatocellular carcinoma. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 22. [provided by RefSeq, Nov 2011]

Product images:



Circular map for RG234208