

Product datasheet for **RC208427**

PROSER2 (NM_153256) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PROSER2 (NM_153256) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PROSER2
Synonyms:	C10orf47
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC208427 representing NM_153256
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGCCTGTAACCCACCGAAATCAGACGCATCTGACATGAACTCAGACACGTCCCCAGCTGCAGGCTCC
 GAGCCTTCAGCAGAGCGGCAGCCTGGAGAGTCGAAGCAGCAGCTCTCGCTCCAGAAGCTTCACTTTGGA
 TGATGAGAGCCTGAAGTACCTCACCCATGAGGAAAAGGATGTGCTCCTGTTTTTTGAAGAGACGATTGAC
 TCCCTAGACGAGGACTTTGAGGAGCCAGTGTGTGCGATGGAGGAGTGTGCTGCCTCTGCTCCCCGTCTC
 TGGAGGAGAGCACCTCCAGTCCCTCCGAGCCTGAAGATGTCATCGACTTAGTGCAGCCAGCACCTGGCGC
 CGGGGAAGCCGAGGGCTTCCAGAGGGGACCCAGGCAGAGGGCTGCACCTGCTGGGAAGGAGCACAGG
 AAACAAGATGCTGAGACTCCTCCACCTCCAGACCCCCGGCTCCCGAGACCTTCTTGCGCCACCACCCC
 TGCCTAGACCCCCGATCCCCCAGGAGGGAGCTGCGCGCCCCCTCCCCGCCGGTGGAGCACCCAGACT
 CCTGCGCTCTGTCCACGCCCTCGTTATGGCGCAGAAGATTTCCGAGAGGATGGCGGGGAACGAAGCC
 CTCTCGCCACCTCCCCGTTAGGGAGGGCCGGCCCGGGGAGTGGAGGACACCTGCCGCCCGGGGGCCCC
 GCAGTGGAGACCTGGCCCGGGGCCAGCCACCCGGCGCAGCCCAAGGCACCCCGCTTCCCCAGCAACAT
 CATCGTACCAACGGCGCGGCCCGGGAGCCCCGAGGACCCTGTCCAGGGCGGCCGTGACGCTGCAGGAG
 CGCAGGGCGCAGGTGTTGGCCACCATCCAGGCCACGCCGGCGCCTTCCCCGCCGCGGGGACGCCGGCG
 AGGGGGCCCCAGGGGGCGGCTCTCCCCGAGCGGGTGGCGCGTGGCCGGGGCTGCCGGGCCCCGCTGA
 GAGTCTCCGGGAGGGGGTCAAGCTCCCGGGGGCCCGCGCTGGCAACGGCTTCCCAAGTGCACACGAG
 GCCCTGAAGAGCGCACCCAGCTCCTTCGCGCCCGCTGGGAAGTCCCTCTGCTTCCGCCCTGGCCCCGCC
 TGCCAGCACGCGGGCCGTCAGAGCTTCCCCGGGCCCCGGCAGCCCAACGGCGCCAGGACTGGCGCCG
 CGCAGACTCCCTGCCCGGCCCCAGGGCATCACCGTGCAGTTTCGCGGGCCCGGGCTCCTCGAGGAGGGCG
 CGCAGGGAGGCCCTGCGGAAGCTGGGGCTGCTCAGGGAGAGTTTCG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC208427 representing NM_153256
 Red=Cloning site Green=Tags(s)

MPVTHRKSDASDMNSDTPSCRLRAFSRGGSLSRSSSSRSRSTLDDESLKYLTHEEKDVLLFFEETID
 SLDEDFEPPVLCDDGVCCCLCSPSLEESTSSPSEPEDVIDLVQPAPGAGEAEGLEPGTQAAGPAPAGKEHR
 KQDAETPPPPDPPAPETLLAPPLPSTPDPPRRELAPSPVVEHPRLRSVPTPLVMAQKISERMAGNEA
 LSPTSPFREGRPGEWRTPAARGPRSGDPGPGSPHAQPKAPRFPSNIIVTNGAAREPRRTL SRAAVSVQE
 RRAQVLATIHGHAGAFPAAGDAGEGAPGGSSPERVARGRGLPGPAESLRAGGQAPRGPALANGFPSAHE
 ALKSAPSSSFAPAGKSLCFRPGPALPSTRARQSFPGPRQPNGAQDWRRADSLPRPQGITVQFAGRGSSEEA
 RREALRKLGLLRESS

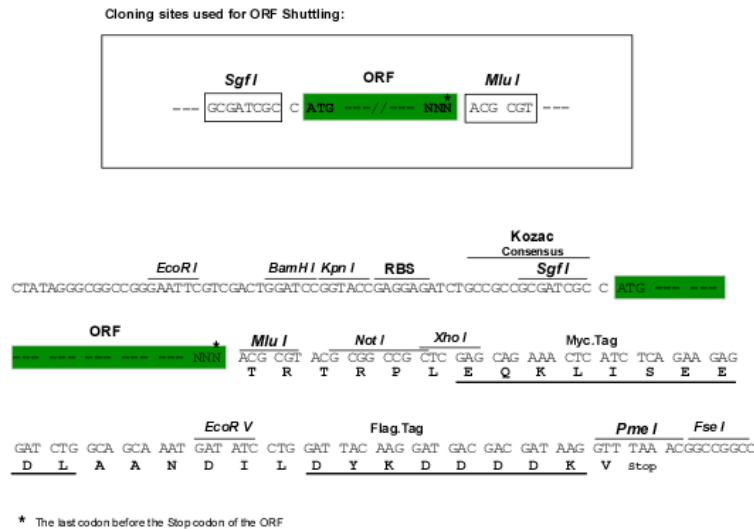
TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk8113_g06.zip

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_153256

ORF Size: 1305 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_153256.4](#)

RefSeq Size: 3360 bp

RefSeq ORF: 1308 bp

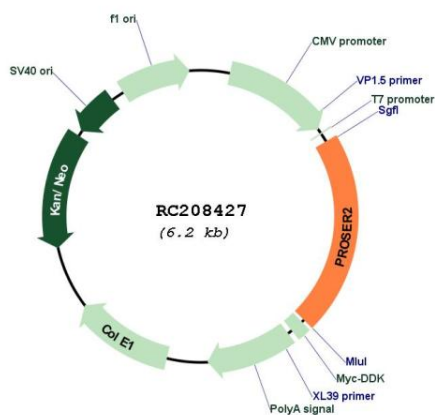
Locus ID: 254427

UniProt ID: Q86WR7

Cytogenetics: 10p14

MW: 45.8 kDa

Product images:



Circular map for RC208427