

Product datasheet for **MG203293**

Procr (BC028755) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Procr (BC028755) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Procr
Synonyms:	EPCR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG203293 representing BC028755 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTGACGAAGTTTCTGCCGCTACTGCTGCTGCTGCTGCCTGGCTGCGCCCTTTGTAACCTCGATGGCT
CCCAAAGCCTGCATATGCTCCAGATCTCCTATTTCCAAGACAACCATCATGTGAGGCATCAGGGCAACGC
CTCTCTGGGAAACTCCTGACACACACGCTGGAAGGCCAGCCAAAACGTCACCATCCTCCAGCTACAG
CCCTGGCAGGATCCGGAGAGCTGGGAGCGCACAGAGAGTGGCCTGCAGATCTATCTGACCCAGTTGAAA
GCCTGGTGAAGCTGGTATATCGCGAGCGCAAGGAGAACGTGTTCTTTCTCTCACTGTTAGCTGCTCCCT
GGCTGCGAGCTGCCGGAGGAGGAGGAGGGCTCTGAACCCATGTCTTCTTCGATGTGGCCGTGAAT
GGAAGCGCTTTTGTAAAGTTTCCGGCCAAAGACTGCCGTGTGGGTGTGAGGCTCCCAGGAGCCCTCCAAAG
CAGCCAATTCACCCTGAAGCAGCTCAATGCCTACAACCGGACTCGGTATGAACTGCAGGAATTTCTTCA
GGACACTTGTGTGGAGTTCTGGAGAACCACATCACCACGAAAACATGAAAGGTCTGAGGGGATTTCTGG
CCCTGCCTGTGTGTTGGGAGGGCATGACTGCCAGGCAATGAAGGGACATGAGGGATCCCTTGAGCAAC
AAAATGAGGAGGCTGGAGACTCAGGCGAGGGTACATCCACAAAGCCTAAGTCACTGGGTGACGTCCTT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG203293 representing BC028755
 Red=Cloning site Green=Tags(s)

MLTKFLPLLLLLPGCALCNSDGSQSLHMLQISYFQDNHHVHRHQGNASLGKLLTHTLEGPSQNVITLQLQ
 PWQDPESWERTESGLQIYLTQFESLVKLVYRERKENVFFPLTVSCSLGCELP EEEEEGSEPHVFFDVAVN
 GSAFVSRPKTAVVWVSGSQEPSKAANFTLKQLNAYNRTRYELQEF LQDTCVEFLENHITTQNMKGLRGFW
 PCLCVGEGMTARQMKGHEGSLEQQNEEAGDSGEGTSTKPKSLGDVL

TRTRPLE - GFP Tag - V

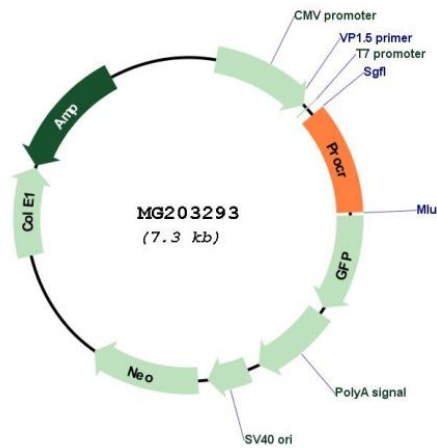
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: BC028755

ORF Size: 770 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:	<ol style="list-style-type: none">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:	BC028755 , AAH28755
RefSeq Size:	1620 bp
RefSeq ORF:	770 bp
Locus ID:	19124
Cytogenetics:	2 H1
Gene Summary:	Binds activated protein C. Enhances protein C activation by the thrombin-thrombomodulin complex; plays a role in the protein C pathway controlling blood coagulation. [UniProtKB/Swiss-Prot Function]