

Product datasheet for **RG206462**

SAP30BP (NM_013260) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SAP30BP (NM_013260) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SAP30BP
Synonyms:	HCNGP; HTRG; HTRP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG206462 representing NM_013260 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGGGAAGAAGAATGTTCTGTCGTCTCTCGCAGTTTACGCGGAAGATTCAGAGCCCGAGTCTGATG
GCGAGGCTGGAATCGAGGCGGTGGGCAGCGCGCTGAGGAGAAAGGCGGATTGGTATCTGATGCCTATGG
GGAGGATGACTTTTCTCGTCTAGGGGTGATGAAGATGGTTATGAAGAAGAAGAAGATGAGAACAGTAGA
CAGTCGGAAGATGACGATTCAGAGACTGAAAACTGAGGCTGATGACCCAAAGGATAATACAGAAGCAG
AAAAGCGAGACCCCGAGAACTCGTGGCCTCCTTTTCTGAAAGAGTTCGGAACATGTCGCCTGATGAAAT
CAAGATCCCGCCAGAACCCCTGGCAGATGTTCAAATCACTTGCAAGACAAGATCCAGAAGCTTTATGAA
CGAAAGATAAAGGAGGGAATGGATATGAACTACATTATCCAAAGGAAGAAAGAATTTTCGGAACCCATGCA
TCTACGAGAAGCTGATCCAGTTCTGTGCCATTGACGAGCTTGGCACCAACTACCCAAAGGATATGTTTGA
TCCCATGGCTGGTCTGAGGACTCCTACTATGAGGCATTAGCCAAGGCCAGAAAATTGAGATGGACAAA
TTGGAAAAGGCCAAAAGGAGCGAACAAAAATTGAGTTTGTGACGGGCACCAAAAAGGCCACCACGACCA
ACGCCACGTCCACCACCACTACCACTGCCAGCACAGCTGTTGCAGATGCTCAGAAGAGAAAGAGCAAGTG
GGATTCGGCTATCCAGTGACAACGATAGCCCAGCCCACCATCCTCACCACCACAGCCACCCTGCCAGCT
GTTGTACGGTACCACCAGCGCCAGCGGCTCCAAGACCACCGTCATCTGCTGTGGGCACCATTGTGA
AGAAGGCCAAGCAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG206462 representing NM_013260
 Red=Cloning site Green=Tags(s)

MAGKKNVLSLAVYAEDSEPESDGEAGIEAVGSAAEEKGLVSDAYGEDDFSRLLGGDEDGYEEEEEDNSR
 QSEDDSETEKPEADDPKDNTAEKRDPQELVASFSEVRNMPDEIKIPPEPPGRCSNHLQDKIQKLYE
 RKIKEGMDMNYIIQRKKEFRNPSIYEKLIQFCAIDELGTNYPKDMFDPHGWESEDSYYEALAKAQKIEMDK
 LEKAKKERTKIEFVTGTTKGGTTTATSTTTTTASTAVADAQKRKSKWDSAIPVTTTIAQPTILTTTATLPA
 VVTVTTSASGSKTTVISAVGTIVKKAKQ

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_013260

ORF Size: 924 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_013260.8](#)

RefSeq Size: 2602 bp

RefSeq ORF: 927 bp

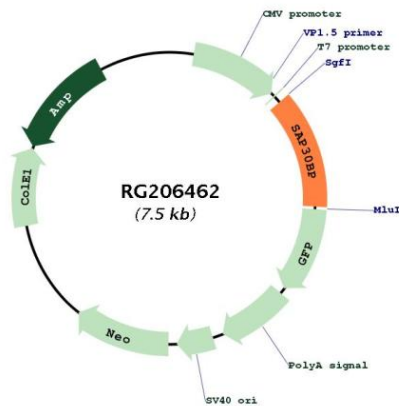
Locus ID: 29115

UniProt ID: [Q9UHR5](#)

Cytogenetics: 17q25.1

Gene Summary: Induces cell death. May act as a transcriptional corepressor of a gene related to cell survival. May be involved in the regulation of beta-2-microglobulin genes.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG206462