

Product datasheet for **RG238126**

CBY2 (NM_001286341) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CBY2 (NM_001286341) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CBY2
Synonyms:	NURIT; SPERT
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG238126 representing NM_001286341. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTCACCTCTGGAATGTTCTGAGTGTTTTGGTGACCACTTCTGCATAGGACCTATACCTGGCAACTC
ACATTGAGGGGCACAGCCGAACCCTTCCCGAGGCTCCACAACCTGTACAGCACCCCTCGCTGCGCGCAG
CAGGCCGCCCTGCCCGGCTGAGCCGAGGATGGCGAGCCAGCACTCCTATCCACTGAACCGTTCTCC
TCCGTGCCTTTAGACCCATGGAGCGCCCATGTCCAGGCCGACCTGGAGCTGGACTACAACCCGCCG
CGGGTGCAGCTCAGCGACGAGATGTTCTGTGTTCCAGGACGGCGCTGGTAAATGAGAACTGCCGCCTG
CAGTCTCCCTACTTCTCCCATCCGCTCCTTCCACCACAAGCTGCACCACAAGAGGCTGGCCAAGGAG
TGATGCTGCAGGAGGAGAACAAGTCTCTGCGGGAGGAGAACAAGGCCCTGCGCGAGGAGAACC GGATG
CTCAGCAAGGAGAACAAGATCCTACAGGCTTCTGGGAGGAGCACAAGGCCTCGCTGGGCCGAGAGGAG
AGCCGGGCCCCCTCGCCACTGCTGCACAAAGACAGCGCGTCCCTGGAGGTGGTGAAGAAGGACCAGTTC
GCCCTGCAGGTGCCCGTGGCAAGGAGGACAGCACCCCTGCAGCTCCTCCGGGAGGAGAATCGCGCGCTG
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CTCGGGAAGATGGTCAGCAACATGTCGGGCCCCCGGGGAGGAGGAGGCAAGGTGGCCCGGGCCTG
CCCGACGGCTGCCAGCCCTGCAGCTGCTGAGAGAGATGAGGCAGGCGCTGCAGGCCCTGCTCAAGGAG
AACC GGCTCCTGCAGGAGGAGAACAGGACCTGCAGGTGCTACGGGCAGAGCACAGGGGCTTCCAGGAG
GAGAACAAGGCCCTGTGGGAGAACAAGCTGAAGCTGCAGCAGAAGCTGGTCATTGACACCGTGACC
GAGGTCACCGCGCATGGAAATGCTCATCGAGGAGCTTACGCCTTCATGCCGGCCAGGAGCCAGGAC
CCCAAGAAGCCTAGCAGGGTC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG238126
 Blue=ORF Red=Cloning site Green=Tag(s)

MSPLECESECFGDQLLHRTYTWQLTLRGTAEFPRLHNLYSTPRCAQQAALPRLSRRMASQHSYPLNRFSSVPLDPMERPMSQADLELDYNPPRVQLSDEMVFVQDGRWVNENCRLLQSPYFSPSASFHHKLHHKRLAKEMLQEENKSLREENKALREENRMLSKENKILQVFWEEHKASLGREESRAPSPLLHKDSASLEVVKKDHYALQVPRGKEDSTLQLLREENRALQQLLEQKQAYWAQEDTAAPAEESKPAPSPHEEPCSPGLLQDQGSGLSSRFEEPKGPPARQEDSKELRALRKMVSNMSGPSGEEAAKVGPLPDGCQPLQLLREMRQALQALLKENRLLQEENRTLQVLAEHRGFQEENKALWENKLLKQQLVIDTVTEVTARMEMLIEELYAFMPARSQDPKKPSRV
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHVMGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPEDSVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFAFRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001286341

ORF Size: 1263 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](#)

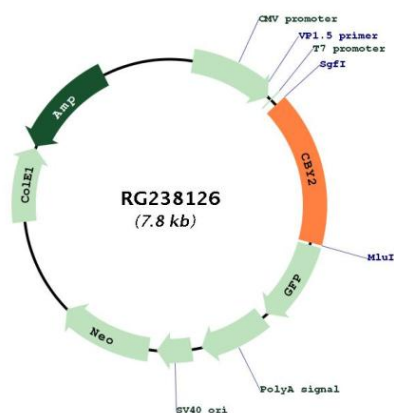
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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).

RefSeq: [NM_001286341.2](#)

RefSeq Size: 1556 bp
 RefSeq ORF: 1266 bp
 Locus ID: 220082
 UniProt ID: [Q8NA61](#)
 Cytogenetics: 13q14.13
 MW: 48.9 kDa

Product images:



Circular map for RG238126