

Product datasheet for **RG210795**

CYB561D1 (NM_182580) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: CYB561D1 (NM_182580) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: CYB561D1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG210795 representing NM_182580
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCAGCCCTGGAGGTAGGCTGGTCCCGCTCCAGCTGGGGAGCCGAGACTGACCCGCTGGCTGCGGA
 GAGGCAGTGGGATCTTGGCGCACCTGGTAGCTTTGGGCTTACCATCTTCTGACAGCGCTGTCCCGGCC
 AGGAACCACTCTTTCTCCTGGCACCTGTATTCATGGCCTTGGCCTTGCCTCTGCATGGCTGAAGCC
 ATCCTACTCTTCTCACCTGAACACTCCCTGTTCTTCTTCTGCTCCGAAAAGCACGGATCCGGCTCCACT
 GGGCAGGGCAGACCCCTAGCCATCCTCTGTGCAGCTCTGGGCTGGGCTTCATCATCTCCAGCAGGACCCG
 CAGTGAGCTGCCTCATCTGGTGTCTGGCACAGCTGGGTGGGAGCCCTGACACTGCTGGCCACTGCTGTC
 CAGGCACTGTGTGGGCTCTGCCTCCTTTGTCCCGGGCAGCCAGGGTCTCAAGGGTGGCTCGCTCAAGC
 TCTACCATCTGACATGTGGACTGGTGGTCTACCTGATGGCTACAGTAACGGTGGTCTTGGGCATGTACTC
 AGTATGGTTCAGGCCAGATCAAAGGTGCGGCCCTGGTACCTGTGCCTGGCACTGCCCGTCTATCCAGCC
 CTGGTGATCATGCACCAGATTTCCAGATCTACTTGCCGAGGAAGAAAATGGAATG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG210795 representing NM_182580
 Red=Cloning site Green=Tags(s)

MQPLEVGLVPAPAGEPRLTRWLRGSGILAHLVALGFTIFLTALSRPGTSLFSWHPVFMALAFCLCMAEA
 ILLFSPEHSLFFFCSRKARIRLHWAGQTLAILCAALGLGFIISSRTRSELPPLVSWHSWVGLTLLATAV
 QALCGLCLLCPRAARVSRVARLKLKLYHLTCGLVVYLMATVTVLLGMYSVWFQAQIKGAAWYLCLALPVYPA
 LVIMHQISRSYLPRKKMEM

TRTRPLE - GFP Tag - V



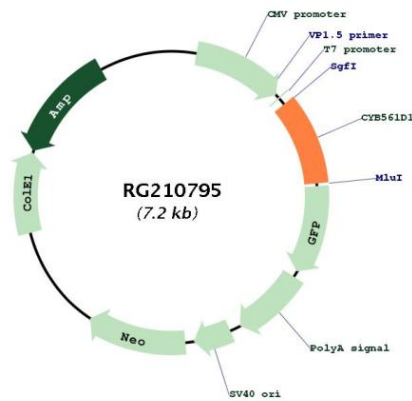
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Cytogenetics: 1p13.3

Protein Families: Transmembrane

Gene Summary: Probable transmembrane reductase that may use ascorbate as an electron donor and transfer electrons across membranes to reduce monodehydro-L-ascorbate radical and iron cations Fe(3+) in another cellular compartment.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG210795