

Product datasheet for **RC239107**

DGLUCY (NM_001286471) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DGLUCY (NM_001286471) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	DGLUCY
Synonyms:	C14orf159
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC239107 representing NM_001286471
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCCCTTCACTCCACCTGAGGTCCCGCTTCCTCTGCCATAAGGAGTTTATTCTACAAAAGAAAC
 CAAACATCAGAAATACATCCAGCATGGCTGGAGAGCTCCGACCAGCCAGCCTGGTGGTCCTGCCAGGTC
 CCTTGCTCCAGCTTTTGAAGATTCTGCCAGGTCAACTGGTCTCTACCCCTGCTGGGCCAGAGTGAG
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 AATACGAGTTCGGTGCCTGCACCGGCAGCCTGGCTTCGCTGGAGCAGTACTCGGAGCAGCTGAAGGACAT
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 GACCCAGCAGGTACAGCCAGACAACAGTGCCTTGTGTTACCCATGCTGGCTTCTGCTGCCCTCTGGTGG
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 TCTCGGGCATCGTGGGCATGGAGGTGGATGGGCTGCCCTCCACAACACCCACGCCGAGATGATCCAGAA
 GCTGGTGGACGTACCACGGCACAGTG

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 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

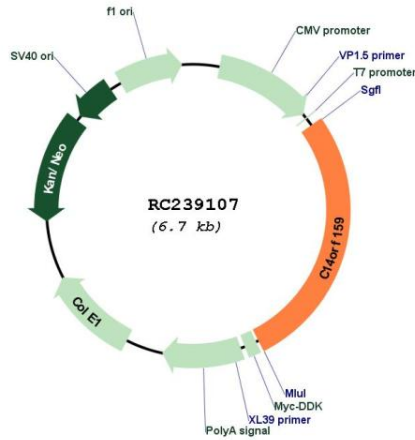
>RC239107 representing NM_001286471
 Red=Cloning site Green=Tags(s)

MPFTLHLRSLPSAIRSLILQKKPNIRNTSSMAGELRPASLVVLPRSLAPAFERFCQVNTGPLPLLGQSE
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 DPAGHSQTTVPCVTHAGFCCLVVTMRPVPKDKLEGLVRACCSLGGEQQPVHMGDPELLGIKELSKPAY
 GDAMVCPPEVVPVFWPSPLTSLGAVSSCETPLAFASIPGCTVMTDLKDAKAPPGLTPERIPVHHISQD
 PLHYSIASVSASQKIRELESIMIGIDPGNRIGHLLCKDELLKASLSL SHARSVLITTFPPTHFNHEPPEE
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 GDPQTPRFDHLVAIERAGRAADGNYYNARKMNIKHLVDPIDDLFLAAKKIPGISSTGVGDGNELGMGKV
 KEAVRRHIRHGDVIACDVEADFAVIAGVSNWGGYALACALYILYSCAVHSQYLKRAVGPSRAPGDQAWTQ
 ALPSVIKEEKMLGILVQHKVRSVSGVIGMEVDGLPFHNTHAEMIQKLVDTTAQV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Locus ID: 80017
UniProt ID: [Q7Z3D6](#)
Cytogenetics: 14q32.11
MW: 66.4 kDa
Gene Summary: D-glutamate cyclase that converts D-glutamate to 5-oxo-D-proline.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC239107