

## Product datasheet for TP309454

### DGLUCY (NM\_024952) Human Recombinant Protein

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Recombinant protein of human chromosome 14 open reading frame 159 (C14orf159), transcript variant 3, 20 µg |
| Species:                              | Human  |
| Expression Host:                      | HEK293T  |
| Expression cDNA Clone or AA Sequence: | >RC209454 protein sequence<br>Red=Cloning site Green=Tags(s)   |

MPFTLHLRSRLPSAIRSLILQKKPNIRNTSSMAGELRPASLVWLPRLAPAFERFCQVNTGPLPLLGQSE  
PEKWMLPPQGAISETRMGHPQFWKYEFGACTGSLASLEQYSEQLKDMVAFFLGCSFSLEEALAKAGLPRR  
DPAGHSQTTVPCVTHAGFCCPLVVTMRPIPKDKLEGLVRACCSLGGEQQQPVHMGDPELLGIKELSKPAY  
GDAMVCPPGEVPVFWPSPLTSLGAVSSCETPLAFASIPGCTVMTDLKDAKAPPGLCTPERIPEVHHISQD  
PLHYSIASVSASQKIRELESMIGIDPGNRGIGHLLCKDELLKASLSLSHARSLVITTFPPTHFNHEPPEE  
TDGPPGAVALVAFLLQALEKEVAIIVDQRAWNLHQKIVEDAVEQGVLTQIPILTYQGGSVAAQAFLCKN  
GDPQTPRFDHLVAIERAGRAADGNYYNARKMNIKHLVDPIDDLFLAAKKIPGISSTGVGDGGNELGMGKV  
KEAVRRHIRHGDVIACDVEADFAVIAGVSNWGGYALACALYILYSCAVHSQYLKAVGSPRAPGDQAWTQ  
ALPSVIKEEKMLGILVQHKVRSVSGVIVGMEVDGLPFHNTHAEMIQLVDVTTAQV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

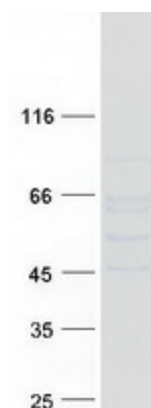
|                |  |
|----------------|--|
| Tag:           | C-Myc/DDK  |
| Predicted MW:  | 66.3 kDa   |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method   |
| Purity:        | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| Buffer:        | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol   |
| Preparation:   | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                                     |
| Note:          | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage:       | Store at -80°C.  |



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|               |   |
|---------------|---|
| Stability:    | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq:       | <a href="#">NP_079228</a>   |
| Locus ID:     | 80017   |
| UniProt ID:   | <a href="#">Q7Z3D6</a>  |
| RefSeq Size:  | 3011  |
| Cytogenetics: | 14q32.11  |
| RefSeq ORF:   | 1848  |
| Synonyms:     | C14orf159   |
| Summary:      | D-glutamate cyclase that converts D-glutamate to 5-oxo-D-proline.[UniProtKB/Swiss-Prot Function]  |

### Product images:



Coomassie blue staining of purified DGLUCY protein (Cat# TP309454). The protein was produced from HEK293T cells transfected with DGLUCY cDNA clone (Cat# [RC209454]) using MegaTran 2.0 (Cat# [TT210002]).