

Product datasheet for TP309454L

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, 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC209454 protein sequence
Red=Cloning site Green=Tags(s)

MPFTLHLRSRLPSAIRSLILQKKPNIRNTSSMAGELRPASLVWLPRLAPAFERFCQVNTGPLPLLGQSE
PEKWMLPPQGAISETRMGHPQFWKYEFGACTGSLASLEQYSEQLKDMVAFFLGCSFSLEEALAKAGLPRR
DPAGHSQTTVPCVTHAGFCCPLVVTMRPIPKDKLEGLVRACCSLGGEQQQPVHMGDPELLGIKELSKPAY
GDAMVCPPGEVPVFWPSPLTSLGAVSSCETPLAFASIPGCTVMTDLKDAKAPPGLCTPERIPEVHHISQD
PLHYSIASVSASQKIRELESMIGIDPGNRGIGHLLCKDELLKASLSLSHARSLVITTFPPTHFNHEPPEE
TDGPPGAVALVAFLLQALEKEVAIIVDQRAWNLHQKIVEDAVEQGVLTQIPILTYQGGSVAAQAFLCKN
GDPQTPRFDHLVAIERAGRAADGNYYNARKMNIKHLVDPIDDLFLAAKKIPGISSTGVGDGGNELGMGKV
KEAVRRHIRHGDVIACDVEADFAVIAGVSNWGGYALACALYILYSCAVHSQYLKAVGSPRAPGDQAWTQ
ALPSVIKEEKMLGILVQHKVRSVSGVIGVMEVDGLPFHNTHAEMIQLVDVTTAQV

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.

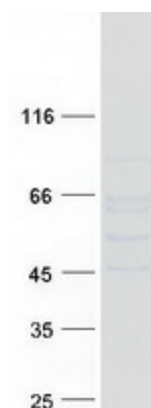
Storage: Store at -80°C.



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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:	NP_079228
Locus ID:	80017
UniProt ID:	Q7Z3D6
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]).