

Product datasheet for PH309454

DGLUCY (NM_024952) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	C14orf159 MS Standard C13 and N15-labeled recombinant protein (NP_079228)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209454
Predicted MW:	66.4 kDa
Protein Sequence:	>RC209454 protein sequence Red=Cloning site Green=Tags(s)

MPFTLHLRSRLPSAIRSLILQKKPNIRNTSSMAGELRPASLVVLPRSLAPAFERFCQVNTGPLPLLQOSE
PEKWMLPPQGAISETRMGHPQFWKYEFGACTGSLASLEQYSEQLKDMVAFFLGCFSFLEEAEKAGLPRR
DPAGHSQTTVPCVTHAGFCCLPVVTMRPDKLEGLVLRACCSLGGEGQPVHMGDPELLGIKELSKPAY
GDAMVCPGPEVPVFWPSPLTSLGAVSSCETPLAFASIPGCTVMTDLKDAKAPPGLTPERIPVHHISQD
PLHYSIASVSASQKIRELESMIGIDPGNRGIGHLLCKDELLKASLSL SHARSVLITTFPHTFNHEPPEE
TDGPPGAVALVAFLEKEVAIIVDQRAWNLHQKIVEDAVEQGVLTQIPILTYGGSVAAQAFLECKN
GDPQTPRFDHLVAIERAGRAADGNYYNARKMNIKHLVDPIDDLFLAAKKIPGISSTGVGDGNGELGMGKV
KEAVRRHIRHGDVIACDVEADF AVIAGVSNWGGYALACALYILYSCAVHSQYLRKAVGPSRAPGDQAWTQ
ALPSVIKEEKMLGILVQHKVRSVSGVIGMEVDGLPFHNTHAEMIQKLVDTTAQV

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

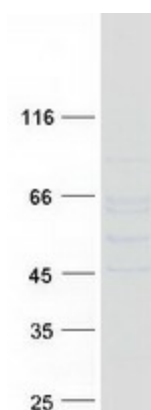
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_079228
RefSeq Size:	3011
RefSeq ORF:	1848



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Synonyms:	C14orf159
Locus ID:	80017
UniProt ID:	Q7Z3D6
Cytogenetics:	14q32.11
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]).