

Recombinant Human DGLUCY Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DGLUCY-4923H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	C14orf159 MS Standard C13 and N15-labeled recombinant protein (NP_079228) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	DGLUCY (D-Glutamate Cyclase) is a Protein Coding gene. Diseases associated with DGLUCY include Dystonia 23. Among its related pathways are Metabolism and D-Glutamine and D-glutamate metabolism.
Molecular Mass	66.4 kDa
AA Sequence	MPFTLHLRSRLPSAIRSLILQKKPNIRNTSSMAGELRPASLVVLPRSLAPAFERFCQV NTGPLPLLGQSEPEKWMLPPQGAISETRMGHPQFWKYEFGACTGSLASLEQYSEQ LKDMVAFFLGCSFSLEEALAKAGLPRRDPAGHSQTTVPCVTHAGFCCPLVVTMRPIP KDKLEGLVRACCSLGGEQGPVHMGDPELLGIKELSKPAYGDAMVCPPEVPVFW PSPLTSLGAVSSCETPLAFASIPGCTVMTDLKDAKAPPGCLTPERIPEVHHISQDPLH YSIASVSASQKIRELESMIGIDPGNRGIGHLLCKDELLKASLSLSHARSVLITTGFPTHF NHEPPEETDGPPGAVALVAFLQALEKEVAIIVDQRAWNLHQKIVEDAVEQGVLKTQIP ILTYQGGSVAAQAFLCKNGDPQTPRFDHLVAIERAGRAADGNYYNARKMNIKHLV DPIDDLFLAAKKIPGISSTGVGDGGNELGMGKVKEAVRRHIRHGDVIACDVEADFAVI AGVSNWGGYALACALYILYSCAVHSQYLRKAVGPSRAPGDQAWTQALPSVIKEEKM

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	LGILVQHKVRSQVSGIVGMEVDGLPFHNTHAEMIQKLVDTTAQVTRTRPLEQKLISE EDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

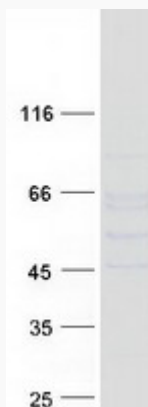
GENE INFORMATION

Gene Name	DGLUCY D-glutamate cyclase [Homo sapiens (human)]
Official Symbol	DGLUCY
Synonyms	DGLUCY; D-glutamate cyclase; C14orf159; D-glutamate cyclase, mitochondrial; UPF0317 protein C14orf159, mitochondrial; EC 4.2.1.48
Gene ID	80017
mRNA Refseq	NM_024952
Protein Refseq	NP_079228
UniProt ID	Q7Z3D6

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SDS-PAGE

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