

Product datasheet for **TP509457**

9030617003Rik (NM_145448) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse D-glutamate cyclase (Dglucy), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209457 protein sequence Red =Cloning site Green =Tags(s)

MTISFLLRSLRSVRSRSLPKAALIRNTSSMTEGLQPASVWVLPRLAPAFESFCQGNRGLPLLGGQSEAV
KTLPQLSAVPDIRTICPQLQKYKFGTCTGILTSMEEHSEQLKEMVTFIIDCSFFIEEALQAEIPRRDLT
GPSHAGAYKTTVPCATIAGFCCPLVVTMRPIPKDKLERLLQATHAIRGQQGQPIHIGDPLGIEALS
DYGSYVECRPEDVPVFWPSPLTSLEAVISCKAPLAFASPPGCMVMVPKDTASSASCLTPEMVPEVHAISK
DPLHYSIVSAPAAQKVRELESTIAVDPGNRGIGHLLKDELLQAALSLSHARSVLVTTGFPTHFNHEPPE
ETDGGPGAIALAAFLQALGKETAMVVDQRALNLHMRIVEDAIRQGVLKTPILTYQGRSMEDARFLCK
DGDPKSPRFDHLVAIERAGRAADGNYYNARKMNIKHLVDPIDIFLAAQKIPGISSTGVGDGGNELGMGK
VKA AVKKHIRNGDVIACDVEADFAVIAGVSNWGGYALACALYILNSCQVHERYLRRATGPSRRAGEQSWI
QALPSVAKEEKMLGILVENQVRSGVSGIVGMEVDGLPFHDVHAEMIRKLVGATTVHM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	66.5 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
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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_663423](#)
Locus ID: 217830
UniProt ID: [Q8BH86](#)
RefSeq Size: 3229
Cytogenetics: 12 E
RefSeq ORF: 1854
Summary: D-glutamate cyclase that converts D-glutamate to 5-oxo-D-proline.[UniProtKB/Swiss-Prot Function]