

Product datasheet for TP501780

Ggct (NM_026637) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse gamma-glutamyl cyclotransferase (Ggct), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201780 protein sequence Red =Cloning site Green =Tags(s)
	<p>MASSDCEGHAGQEGETFLYFAYGSNLLTERIHLRNPSAVFCCVACLQDFKLDGDFGNFQGKMSERWHGGIAT IFQSPGDEVWGVWRMKNKSNISLDEQEGVKSGVYVIEIKVSTREGKEITCRSYLMTNYESAPPSPQYK KVICMGAKENGLPQEYQEKLKAIEPNEYKGGKISDEMEDIKKGESKLS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	21.1 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.
RefSeq:	NP_080913
Locus ID:	110175
UniProt ID:	Q9D7X8
RefSeq Size:	1362
Cytogenetics:	6 27.26 cM



[View online »](#)

RefSeq ORF: 567

Synonyms: A030007L17Rik; AA673177; Gctg; Ggc

Summary: Catalyzes the formation of 5-oxoproline from gamma-glutamyl dipeptides and may play a significant role in glutathione homeostasis. Induces release of cytochrome c from mitochondria with resultant induction of apoptosis.[UniProtKB/Swiss-Prot Function]