

## Product datasheet for TP504454

### Qpct (BC020023) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse glutaminyl-peptide cyclotransferase (glutaminyl cyclase) (cDNA clone MGC:27858 IMAGE:3491756), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204454 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MAGSEDKRVVGTLHLLLLQATVLSLTAGNLNLVSGAWTQEKHIMQRIQRLQAEWVVEVDTFLSRTPYGYR SFSNIISTLNPEAKRHLVLACHYDSKYFPRWDSRVFVGATDSAVPCAMMLELARALDKKLHSLKDVSGSK PDLSLRLIFFDGEEAFHHWSPQDSLYGSRHLAQKMASSPHPPGSRGTNQLDGMDDLVLLDLIGAAANPTFP NFFPKTTRWFNRLQAIKELYELGLLKDHSLEKRYFQNFYGNIIQDDHIPFLRKGVPVLHLIASPFPEV WHTMDDNEENLHASTIDNLNKIIQVFVLEYLHL
	<b>SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	35.7 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.
Locus ID:	70536
UniProt ID:	<u><a href="#">Q9CYK2</a></u>
RefSeq Size:	1486



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Cytogenetics:	17 E3
RefSeq ORF:	939
Synonyms:	5730422A13Rik
Summary:	Responsible for the biosynthesis of pyroglutamyl peptides. Has a bias against acidic and tryptophan residues adjacent to the N-terminal glutamyl residue and a lack of importance of chain length after the second residue (By similarity).[UniProtKB/Swiss-Prot Function]