

Recombinant Mouse Qpct Protein, Myc/DDK-tagged

Cat. No. Qpct-5279M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length glutaminyl-peptide cyclotransferase (glutaminyl cyclase) (cDNA clone MGC:27858 IMAGE:3491756), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Responsible for the biosynthesis of pyroglutamyl peptides. Has a bias against acidic and tryptophan residues adjacent to the N-terminal glutaminyl residue and a lack of importance of chain length after the second residue.
Molecular Mass	35.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Qpct glutaminyl-peptide cyclotransferase (glutaminyl cyclase) [Mus musculus (house mouse)]
Official Symbol	Qpct
Synonyms	Qpct; glutaminyl-peptide cyclotransferase (glutaminyl cyclase); 5730422A13Rik; glutaminyl-peptide cyclotransferase; QC; glutaminyl cyclase; glutaminyl-tRNA cyclotransferase; EC 2.3.2.5
Gene ID	70536
mRNA Refseq	NM_027455
Protein Refseq	NP_081731
UniProt ID	Q9CYK2

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