Recombinant Mouse QPCTL Protein, His-Avi-tagged, Biotinylated

Cat. No. QPCTL-7323M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated recombinant Mouse QPCTL Protein with His-Avi tag was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	60-383 aa
Description	Predicted to enable glutaminyl-peptide cyclotransferase activity and zinc ion binding activity. Predicted to be located in Golgi apparatus. Orthologous to human QPCTL (glutaminyl-peptide cyclotransferase like).
Molecular Mass	39 kDa
AASequence	HHHHHHHHGSGLNDIFEAQKIEWHEVEEMSRSRDLRVPLIGSLSEAKLRLVVGQLD PQRLWGTFLRPLLIVRPPGSSGNLQVRKFLEATLQSLSAGWHVELDPFTASTPLGPL DFGNVVATLDPGAARHLTLACHYDSKFFPPGLPPFVGATDSAVPCALLLELVQALDA MLSRIKQQAAPVTLQLLFLDGEEALKEWGPKDSLYGSRHLAQIMESIPHSPGPTRIQ AIELFVLLDLLGASSPIFFSHFPRTARWFQRLRSIEKRLHRLNLLQSHPQEVMYFQPG EPPGPVEDDHIPFLRRGVPVLHLIATPFPAVWHTPADTEANLHPPTVHNLSRILAVFL AEYLGL
Endotoxin	<1EU/μg by LAL

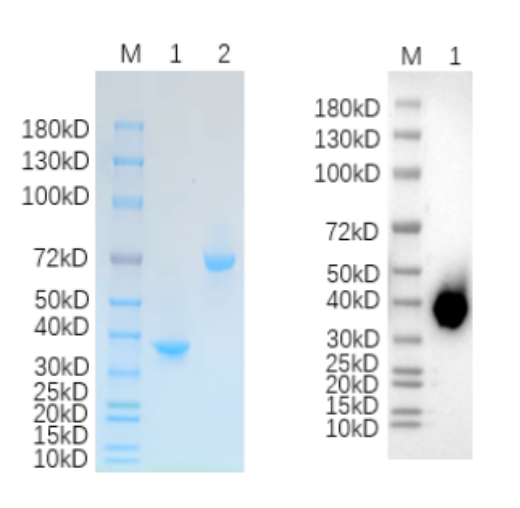
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Purity	>90% by SDS-PAGE
Labeling efficiency	2.01 by HABA
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Sterile PBS, pH7.4
Concentration	0.69 mg/mL by BCA
Conjugation	Biotin

GENE INFORMATION

Gene Name	Qpctl glutaminyl-peptide cyclotransferase-like [Mus musculus (house mouse)]
Official Symbol	QPCTL
Synonyms	QPCTL; glutaminyl-peptide cyclotransferase-like; glutaminyl-peptide cyclotransferase-like protein; isoQC; golgi-resident glutaminyl-peptide cyclotransferase; gQC; BB101812; 1810019P04Rik
Gene ID	67369
mRNA Refseq	NM_026111
Protein Refseq	NP_080387
UniProt ID	Q8BH73

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SDS-PAGE and WB	 Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal antibody) profiles of QPCTL. 1. QPCTL: 1 μg 2. BSA: 1 μg

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