

Recombinant Human QPCT protein, His-tagged

Cat. No. QPCT-8608H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human QPCT protein(Q16769-1)(Ala33-Leu361), fused with His tag, was expressed in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	Ala33-Leu361
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% glyPlease contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human QPCT consists of 345 amino acids and has a calculated molecular mass of 39.7 kDa. The recombinant protein migrates as an approximately 38 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name QPCT glutaminyl-peptide cyclotransferase [Homo sapiens]

Official Symbol QPCT

Synonyms QPCT; glutaminyl-peptide cyclotransferase; GCT; glutaminyl cyclase; QC; EC; glutamyl cyclase; glutaminyl-tRNA cyclotransferase; sQC;

Gene ID 25797

mRNA Refseq NM_012413

Protein Refseq NP_036545

MIM 607065

UniProt ID Q16769

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