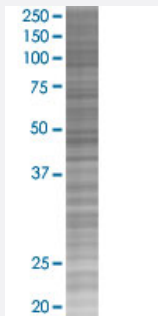


QPCT 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00025797-T02

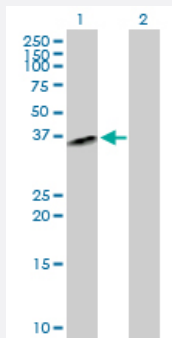
Size 100 uL

Applications



SDS-PAGE Gel

QPCT transfected lysate.



Western Blot

Lane 1: QPCT transfected lysate (40.90 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-QPCT full-length
Host	Human
Theoretical MW (kDa)	40.9
Interspecies Antigen Sequence	Mouse (82); Rat (69)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-QPCT antibody ([H00025797-D01P](#)) by Western Blots.
SDS-PAGE Gel
QPCT transfected lysate.
Western Blot
Lane 1: QPCT transfected lysate (40.90 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — QPCT

Entrez GeneID[25797](#)**GeneBank Accession#**[NM_012413](#)**Protein Accession#**[NP_036545.1](#)**Gene Name**

QPCT

Gene Alias

GCT, QC

Gene Description

glutamyl-peptide cyclotransferase

Omim ID[607065](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes human pituitary glutamyl cyclase, which is responsible for the presence of pyroglutamyl residues in many neuroendocrine peptides. The amino acid sequence of this enzyme is 86% identical to that of bovine glutamyl cyclase. [provided by RefSeq]

Other Designations

glutamyl cyclase

Disease

- [Genetic Predisposition to Disease](#)

- [Hypertension](#)
- [Osteoporosis](#)