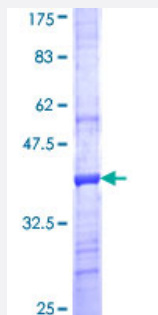


QPCT (Human) Recombinant Protein (Q01)

Catalog # H00025797-Q01

Size 10 ug, 25 ug

Applications



Specification

Product Description	Human QPCT partial ORF (NP_036545, 262 a.a. - 359 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	PNSARWFERLQAIEHELHELGLLKDHSLEGRYFQNYSGGVIQDDHIPFLRRGVPVLHLIPSPFPEV WHTMDDNEENLDESTIDNLNKILQVFVLEYL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.52
Interspecies Antigen Sequence	Mouse (82); Rat (69)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — QPCT

Entrez GeneID [25797](#)

GeneBank Accession# [NM_012413](#)

Protein Accession# [NP_036545](#)

Gene Name QPCT

Gene Alias GCT, QC

Gene Description glutaminyl-peptide cyclotransferase

Omim ID [607065](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes human pituitary glutaminyl 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 glutaminyl cyclase. [provided by RefSeq]

Other Designations glutaminyl cyclase

Disease

- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Osteoporosis](#)