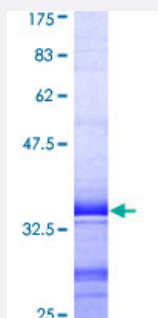


# PCTK1 (Human) Recombinant Protein (Q01)

Catalog # H00005127-Q01

Size 10 ug, 25 ug

## Applications



## Specification

<b>Product Description</b>	Human PCTK1 partial ORF ( AAH01048, 1 a.a. - 80 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	MDRMKKIKRQLSMTLRGGRGIDKTNGAPEQIGLDESGGGGGSDPGEAPTRAAPGELRSARGPLS SAPEIVHEDLKMGS DG
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	34.21
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	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 — PCK1

**Entrez GeneID** [5127](#)

**GeneBank Accession#** [BC001048](#)

**Protein Accession#** [AAH01048](#)

**Gene Name** PCK1

**Gene Alias** FLJ16665, PCKAIRE, PCKAIRE1, PCKGAIRE

**Gene Description** PCKAIRE protein kinase 1

**Omim ID** [311550](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** The protein encoded by this gene belongs to the cdc2/cdkx subfamily of the ser/thr family of protein kinases. It may play a role in signal transduction cascades in terminally differentiated cells. This gene is thought to escape X inactivation. Alternative splicing results in two transcript variants encoding different isoforms. [provided by RefSeq]

**Other Designations** OTTHUMP00000023208|OTTHUMP00000023209|PCKAIRE-motif protein kinase 1|serine/threonine-protein kinase