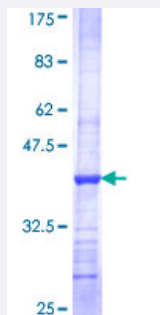


PCTK2 (Human) Recombinant Protein (Q01)

Catalog # H00005128-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PCTK2 partial ORF (NP_002586, 426 a.a. - 523 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	NFPKYKPQPLINHAPRLDSEGIELITKFLQYESKKRVSAEEAMKHVYFRSLGPRIHALPESVSIFSLK EQLQKDPGFRNSSYPETGHGKNRRQSMLF
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.52
Interspecies Antigen Sequence	Mouse (99); Rat (98)
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 — PCK2

Entrez GeneID	5128
GeneBank Accession#	NM_002595
Protein Accession#	NP_002586
Gene Name	PCK2
Gene Alias	PCTAIRE2
Gene Description	PCTAIRE protein kinase 2
Omim ID	603440
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 has similarity to rat protein which is thought to play a role in terminally differentiated neurons. [provided by RefSeq]
Other Designations	protein kinase cdc2-related PCTAIRE-2 serine/threonine-protein kinase PCTAIRE-2

Disease

- [Neurofibromatosis](#)
- [Neurofibromatosis 1](#)