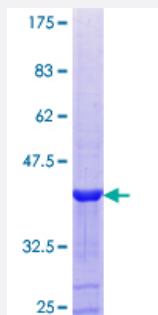


PXK (Human) Recombinant Protein (Q01)

Catalog # H00054899-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PXK partial ORF (AAH14479.1, 351 a.a. - 450 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	PDSVPVDSFPPAPSMVAVLESTLSCEACKNGMPTISRLLQMPLFSDVLLTTSEKPQFKIPTKL KEALRIAKECIEKRLIEEQKQIHQHRRLTRAQSHH
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (95); Rat (95)
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 — PXX

Entrez GeneID	54899
GeneBank Accession#	BC014479
Protein Accession#	AAH14479.1
Gene Name	PXX
Gene Alias	FLJ20335, MONaKA
Gene Description	PX domain containing serine/threonine kinase
Omim ID	611450
Gene Ontology	Hyperlink
Gene Summary	PXX binds to the Na,K-ATPase beta-1 (ATP1B1; MIM 182330) and beta-3 (ATP1B3; MIM 601867) subunits and modulates both Na,K-ATPase enzymatic and ion pump activities (Mao et al., 2005 [PubMed 16135750]).[supplied by OMIM]
Other Designations	PX ser/thr kinase v2 PX serine/threonine kinase modulator of Na,K-ATPase long form

Disease

- [Arthritis](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Tobacco Use Disorder](#)