

PXK (Human) Recombinant Protein (P01)

Catalog # : H00054899-P01

規格 : [10 ug] [25 ug]

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Specification

Product Description: Human PXK full-length ORF (AAH14479, 1 a.a. - 450 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence: MAFMEKPPAGKVLLDDTVPLTAAIEASQSLQSHTEYIIRVQRGISVENSW
QIVRRYSDFDLLNNSLQIAGLSLPLPPKKLIGNMDREFIAERQKGLQNYLN
VITTNHILSNCELVKKFLDPNNYSANYTEIALQQVSMFFRSEPKWEVVEPL
KDIGWRIRKKYFLMKIKNQPKERLVL SWADLGPDKYLSKDFQCLIKLLPS
CLHPYIYRVTFATANESSALLIRMFNEKGTLDKLIYKAKPKDPFLKKYCNPK
KIQGLELQQIKTYGRQILEVLKFLHDKGFYPYGHLSASNMMLDGDTCRLLD
LENSLLGLPSFYRSYFSQFRKINTLESVDVHCFGHLLYEMTYGRPPDSVP
VDSFPPAPSMVAVVLESTLSCEACKNGMPTISRLLQMPLFSDVLLTTSE
PKQFKIPTKLKEALRIAKECIEKRLIEEQKQIHQHRRLTRAQSHH

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 75.24

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.

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Enzyme-linked Immunoabsorbent Assay

Application Image

Enzyme-linked Immunoabsorbent Assay

Western Blot (Recombinant protein)

Antibody Production

Protein Array

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Gene Information

Entrez GeneID: [54899](#)**GeneBank
Accession#:** [BC014479](#)**Protein
Accession#:** [AAH14479](#)**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**Related Disease**

[Arthritis, Rheumatoid](#) [Genetic Predisposition to Disease](#) [Lupus Erythematosus, Systemic](#) [Tobacco Use Disorder](#)