

## Product datasheet for PH323483

### PXK (NM\_017771) Human Mass Spec Standard

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Mass Spec Standards   |
| Description:                          | PXK MS Standard C13 and N15-labeled recombinant protein (NP_060241) |
| Species:                              | Human   |
| Expression Host:                      | HEK293  |
| Expression cDNA Clone or AA Sequence: | RC223483  |
| Predicted MW:                         | 64.8 kDa  |
| Protein Sequence:                     | >RC223483 representing NM_017771<br>Red=Cloning site Green=Tags(s)  |

MAFMEKPPAGKVLLDDTVPLTAAIEASQSLQSHTHEYIIRVQRGISVENSQIVRRYSDFLLNNSLQIAG  
LSLPLPPKKLIGNMDREFIAERQKGLQNYLNVITTNHILSNCELVKKFLDPNNYSANYTEIALQQVSMFF  
RSEPKWEVVEPLKDIGWRIRKKYFLMKIKNQKERLVLSWADLGPDKYLSKDFQCLIKLLPSCLHPYIY  
RVTFATANESSALLIRMFNEKGLKDLIYKAKPKDPFLKCYCNPKKIQGLELQQIKTYGRQILEVLKFLH  
DKGFPYGHLSASVMLDGDTCRLLDLNLSLLGLPSFYRSYFSQFRKINTLESVDVHCFGHLLYEMTYGRP  
PDSVPVDSFPPAPSMVAVVLESTLSCEACKNGMPTISRLLQMPLFSDVLLTTSEKPFKIPKTLKEALR  
IAKECIEKRLIEEQKQIHQHRRLTRAQSHHGSEERKKRILARKKSKRSALENSEEHSKAYSNSNNSGS  
GASSPLTSPSSPTPPSTSGISALPPPPPPPPPAAPLPPASTEAPAQLSSQAVNGMSRGALLSSIQNFQK  
GTLRKAKTCDHSAPKIG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

|                  |  |
|------------------|--|
| Tag:             | C-Myc/DDK  |
| Purity:          | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| Concentration:   | >0.05 µg/µL as determined by microplate BCA method   |
| Labeling Method: | Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine |
| Buffer:          | 25 mM Tris-HCl, 100 mM glycine, pH 7.3   |
| Storage:         | Store at -80°C. Avoid repeated freeze-thaw cycles.   |
| Stability:       | Stable for 3 months from receipt of products under proper storage and handling conditions.   |
| RefSeq:          | <a href="#">NP_060241</a>  |
| RefSeq Size:     | 2050   |
| RefSeq ORF:      | 1731   |



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**Synonyms:** MONAKA; SLOB

**Locus ID:** 54899

**UniProt ID:** [Q7Z7A4](#), [B4DJD8](#)

**Cytogenetics:** 3p14.3

**Summary:** This gene encodes a phox (PX) domain-containing protein which may be involved in synaptic transmission and the ligand-induced internalization and degradation of epidermal growth factors. Variations in this gene may be associated with susceptibility to systemic lupus erythematosus (SLE). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]

**Protein Families:** Druggable Genome, Protein Kinase

### Product images:



Coomassie blue staining of purified PXX protein (Cat# [TP323483]). The protein was produced from HEK293T cells transfected with PXX cDNA clone (Cat# [RC223483]) using MegaTran 2.0 (Cat# [TT210002]).