

## Product datasheet for **RG238250**

### PXK (NM\_001289101) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	PXK (NM_001289101) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	PXK
Synonyms:	MONAKA; SLOB
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG238250 representing NM_001289101. Blue=ORF Red=Cloning site Green=Tag(s)

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```



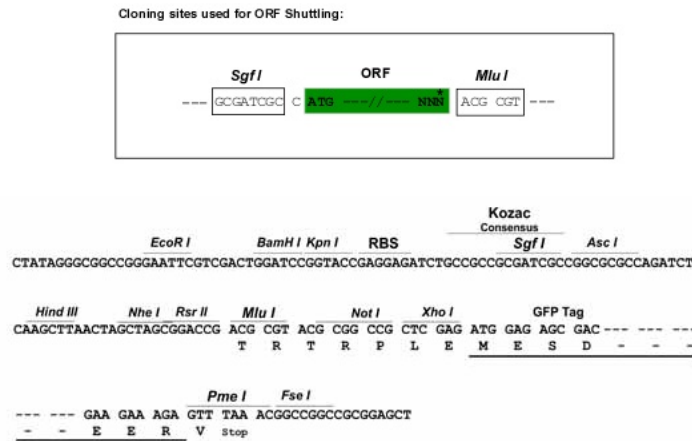
[View online »](#)

**Protein Sequence:** >Peptide sequence encoded by RG238250  
 Blue=ORF Red=Cloning site Green=Tag(s)

MFFRSEPKWEVVEPLKDIGWRIRKKYFLMKIKNQPKERLVL SWADL GPKYL SDKDFQCLIKLLPSC LHPYIYRVTFATANESSALLIRMFNEKGLKDLIYKAKPKDPFLK KYNPKIQGLELQQIKTYGRQILEV LKFLHDKGFPYGH LHASNVMLDGDTCRLLDLENSLLGLPSFYRSYFSQFRKINTLESVDVHCFGHLLYE MTYGRPPDSVPVDSFPPAPSMVAVLESTL SCEACKNGMPTISRLLQMP LFSVLLTTSEKPQFKIPT KLKEALRIAKECEKRLIEEQKQIHQHRRLTRAQSHHGSEERKRRKILARKKSKRSALENSEEHS AKY SNSNNSAGSGASSPLTSPSSPTPPSTSGISALPPPPPPPPPAAPLPASTEAPAQLSSQAVNGMSRGA LLSSIQN FQKGLRKA KTC D H S A P K I G  
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001289101

**ORF Size:** 1323 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**RefSeq:** [NM\\_001289101.1](#), [NP\\_001276030.1](#)

RefSeq Size: 2734 bp  
 RefSeq ORF: 1326 bp

Locus ID: 54899

UniProt ID: [Q7Z7A4](#)

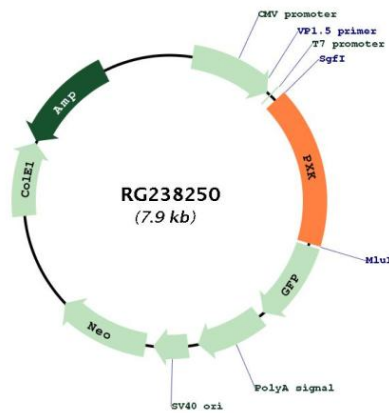
Cytogenetics: 3p14.3

Protein Families: Druggable Genome, Protein Kinase

MW: 49.9 kDa

**Gene 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]

**Product images:**



Circular map for RG238250