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## PRKX Protein (Myc-DYKDDDDK Tag)



Image



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Overview	
Quantity:	20 μg
Target:	PRKX
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRKX protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	<ul> <li>Recombinant human PRKX / PKX1 protein expressed in HEK293 cells.</li> <li>Produced with end-sequenced ORF clone</li> </ul>
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	PRKX
Alternative Name:	Prkx,pkx1 (PRKX Products)
Background:	This gene encodes a serine threonine protein kinase that has similarity to the catalytic subunit
	of cyclic AMP dependent protein kinases. The encoded protein is developmentally regulated
	and may be involved in renal epithelial morphogenesis. This protein may also be involved in
	macrophage and granulocyte maturation. Abnormal recombination between this gene and a
	related pseudogene on chromosome Y is a frequent cause of sex reversal disorder in XX males

### **Target Details**

	and XY females. Pseudogenes of this gene are found on chromosomes X, 15 and Y.
Molecular Weight:	40.7 kDa
NCBI Accession:	NP_005035
Pathways:	Thyroid Hormone Synthesis

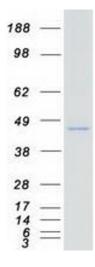
## **Application Details**

Application Notes:	Recombinant human proteins can be used for:	
	Native antigens for optimized antibody production	
	Positive controls in ELISA and other antibody assays	
Comment:	The tag is located at the C-terminal.	
Restrictions:	For Research Use only	

## Handling

Concentration:	50 μg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

#### **Images**



#### **Western Blotting**

**Image 1.** Validation with Western Blot