



## Recombinant Human PRKX (N-GST tag)

Cat No:HR2R1898

For research use only

### Overview

Quantity	10 ?g
Gene Symbol	PRKX
Gene ID	N/A
Accession	NM_005044
Alternative Name	PKX1
Species	Human
Source	Insect cells
Description	?PRKX is a serine/threonine protein kinase that is closely related to the catalytic subunit of the cAMP-dependent protein kinase. PRKX regulates epithelial morphogenesis during mammalian kidney development and PRKX expression markedly activates migration of cultured renal epithelial cells in the presence of cAMP. Aberrant adult kidney expression of PRKX is found in autosomal dominant polycystic kidney disease . PRKX is involved in macrophage and granulocyte maturation. Abnormal recombination between PRKX and a related pseudogene on chromosome Y is a frequent cause of sex reversal disorder in XX males and XY females .
Functions	The specific activity of PRKX was determined to be 150 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	73
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at ?70?C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.