

Recombinant human PRKX protein ab125604

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Description

Product name	Recombinant human PRKX protein
Biological activity	The specific activity was determined to be 150 nmol/min/mg
Purity	> 90 % Densitometry. Affinity purified.
Expression system	Baculovirus infected Sf9 cells
Accession	<u>P51817</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Predicted molecular weight	73 kDa including tags
Amino acids	1 to 358

Specifications

Our **Abpromise guarantee** covers the use of **ab125604** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Western blot Functional Studies SDS-PAGE
Form	Liquid
Additional notes	<u>ab204872</u> (PAK peptide substrate) can be utilized as a substrate for assessing kinase activity

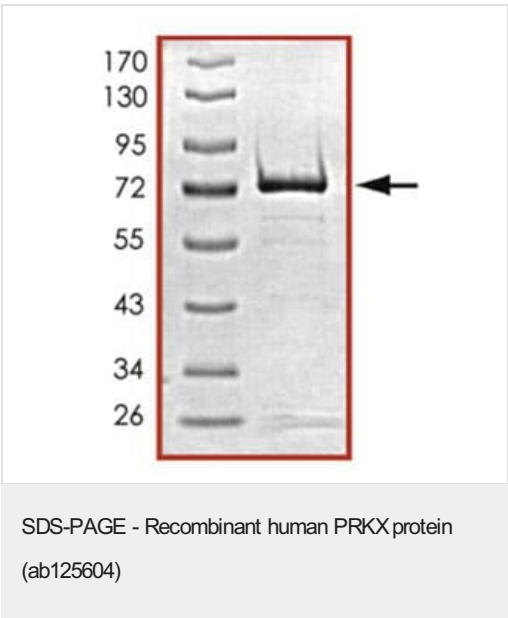
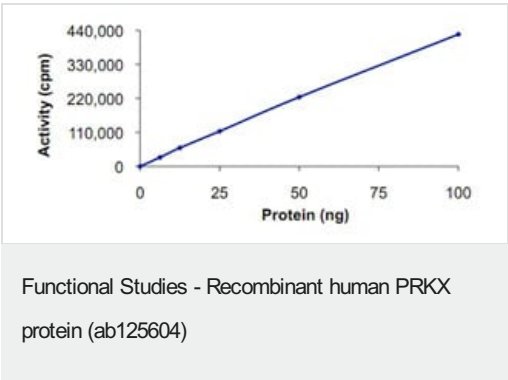
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.31% Glutathione, 0.002% PMSF, 0.004% DTT, 0.79% Tris HCl, 0.003% EDTA, 25% Glycerol (glycerin, glycerine), 0.88% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
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General Info

Tissue specificity	High levels in adult and fetal brain, kidney and lung; low levels in adult placenta, heart, liver, skeletal muscle, pancreas and fetal liver.
Involvement in disease	Note=A chromosomal aberration involving PRKX is a cause of sex reversal disorder. Translocation t(X;Y)(p22;p11) with PRKY. Chromosomal translocations proximal to PRKY account for about 30% of the cases of sex reversal disorder in XX males and XY females.
Sequence similarities	Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. cAMP subfamily. Contains 1 AGC-kinase C-terminal domain. Contains 1 protein kinase domain.

Images



SDS Page analysis of ab125604

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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