

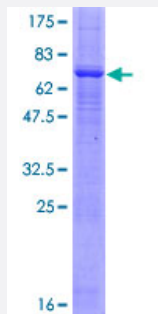
Full-Length

PRKX (Human) Recombinant Protein (P01)

Catalog # H00005613-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PRKX full-length ORF (NP_005035.1, 1 a.a. - 358 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEAPGLAQAAAAESDSRKVAEETPDGAPALCPSPEALSPEPPVYSLQDFDTLATVGTGTGFRV
HLVKEKTAKHFFALKVMSIPDVIRLKQEQHVHNEKSVLKEVSHPFILRLFWTWHDERFLYMLMEYV
PGGELFSYLRNRGRFSSTTGLFYSAEIIAIEYLHSENVYRDLKPENILLDRDGHILKLTDFGFAKKLV
DRTWTLCGTPEYLAPEVIQSKGHGRAVDWWALGILIFEMLSGFPPFFDDNPFQYQKILAGKIDFPR
HLDHFVKDLIKLLVVDRTRLGNMKNANDVKHHRWFRSVDWEAVPQRKLKPPVMPKIAGDGD
TSNFETYPENDWDTAAPVPQKDLEIFKNF

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

67.3

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PRKX

Entrez GeneID	5613
GeneBank Accession#	NM_005044.1
Protein Accession#	NP_005035.1
Gene Name	PRKX
Gene Alias	PKX1
Gene Description	protein kinase, X-linked
Omim ID	300083
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	OTTHUMP00000022861

Pathway

- [Apoptosis](#)
- [Calcium signaling pathway](#)
- [Chemokine signaling pathway](#)

- [Gap junction](#)
- [GnRH signaling pathway](#)
- [Hedgehog signaling pathway](#)
- [Insulin signaling pathway](#)
- [Long-term potentiation](#)
- [MAPK signaling pathway](#)
- [Melanogenesis](#)
- [Olfactory transduction](#)
- [Prion diseases](#)
- [Taste transduction](#)
- [Vascular smooth muscle contraction](#)
- [Vibrio cholerae infection](#)
- [Wnt signaling pathway](#)

Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)