

Datasheet for ABIN7275451
PKLR Protein (AA 20-105) (Fc Tag)



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1 Image

Overview

Quantity:	100 µg
Target:	PKLR
Protein Characteristics:	AA 20-105
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PKLR protein is labelled with Fc Tag.

Product Details

Purpose:	Mouse PK-1/PROK1 Protein
Sequence:	Ala20-Phe105
Characteristics:	Recombinant Mouse PK-1/PROK1 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Ala20-Phe105.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	PKLR
Alternative Name:	PK-1 (PKLR Products)

Target Details

Background:	PK-1 (Ac10) is a baculovirus-encoded serine/threonine kinase,a pk-1 knockout AcMNPV failed to produce infectious progeny, while the pk-1 repair virus could rescue this defect.the kinase activity of PK-1 is essential in regulating viral propagation. Electron microscopy revealed that pk-1 deletion affected the formation of normal nucleocapsids.PK-1 appears to phosphorylate some viral or cellular proteins that are essential for DNA packaging to regulate nucleocapsid assembly.
Molecular Weight:	36.4 kDa. Due to glycosylation, the protein migrates to 38-48 kDa based on Tris-Bis PAGE result.
Pathways:	Ribonucleoside Biosynthetic Process

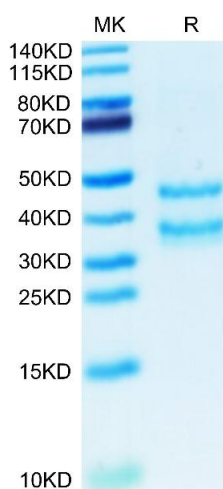
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

Images



SDS-PAGE

Image 1. Mouse PK-1/PROK1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .