

Recombinant Human PAK6 Protein (G383-Y674), His tagged

Cat. No. PAK6-1109H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human 6His-TEV-PAK6(G383-Y674) Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	G383-Y674
Description	Serine/threonine protein kinase that plays a role in the regulation of gene transcription. The kinase activity is induced by various effectors including AR or MAP2K6/MAPKK6. Phosphorylates the DNA-binding domain of androgen receptor/AR and thereby inhibits AR-mediated transcription. Inhibits also ESR1-mediated transcription. May play a role in cytoskeleton regulation by interacting with IQGAP1. May protect cells from apoptosis through phosphorylation of BAD.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the

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protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol

Shipping It is shipped out with blue ice.

GENE INFORMATION

Gene Name PAK6 p21 protein (Cdc42/Rac)-activated kinase 6 [Homo sapiens (human)]

Official Symbol PAK6

Synonyms PAK6; p21 protein (Cdc42/Rac)-activated kinase 6; p21(CDKN1A) activated kinase 6; serine/threonine-protein kinase PAK 6; PAK5; PAK-5; PAK-6; p21-activated kinase 6; p21(CDKN1A)-activated kinase 6; p21-activated protein kinase 6;

Gene ID 56924

mRNA Refseq NM_001128628

Protein Refseq NP_001122100

MIM 608110

UniProt ID Q9NQU5

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