

PAK6 recombinant protein

PAK6, Active

CATALOG # AAA73788	HOST Sf9 insect cells	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

PAK6; Active; PAK5; PAK6 recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Applicable Applications for PAK6 recombinant protein	WB (Western Blot), Kinase Assay
Tag	GST
Species	Human
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree 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.

IMAGES



SDS-PAGE

Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



Activity

Specific Activity: Sample Kinase Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for PAK6 recombinant protein	Recombinant full-length human PAK6 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is NM_020168. PAK6 is a Ser/Thr protein kinase that is a member of the PAK (p21-activated kinase) family that are implicated in the regulation of a number of cellular processes, including cytoskeleton rearrangement, apoptosis and the MAP kinase signaling pathway. PAK6 is highly expressed in the testis and prostate tissues and interacts with the androgen receptor (AR). In response to androgen, PAK6 cotranslocate into the nucleus with AR (1). PAK6 is weakly expressed in normal prostate epithelium but the expression is increased in primary and metastatic prostate cancer cells and is further increased in tumors that relapse after androgen deprivation therapy (2).
Product Categories/Family for PAK6 recombinant protein	Protein Kinases ; Cancer ; ERK/MAPK Pathway ; Inflammation ; Invasion/Metastasis ; Neurobiology ; Ser/Thr Kinases
References	- Yang F, et al: Androgen receptor specifically interacts with a novel p21-activated kinase, PAK6. J. Biol. Chem. 276: 15345-15353, 2001. - Kaur R, et al: Increased PAK6 expression in prostate cancer and identification of PAK6 associated proteins. Prostate. 2008 Oct 1;68(14):1510-6.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_020168
Molecular Weight	~110kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/pak6-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/73788>