Recombinant Human PAK2 Protein, His-tagged

Cat. No. PAK2-767H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PAK2(Glu177~Ala419) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Glu177~Ala419
Description	The p21 activated kinases (PAK) are critical effectors that link Rho GTPases to cytoskeleton reorganization and nuclear signaling. The PAK proteins are a family of serine/threonine kinases that serve as targets for the small GTP binding proteins, CDC42 and RAC1, and have been implicated in a wide range of biological activities. The protein encoded by this gene is activated by proteolytic cleavage during caspase-mediated apoptosis, and may play a role in regulating the apoptotic events in the dying cell.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	30.7kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 92%

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

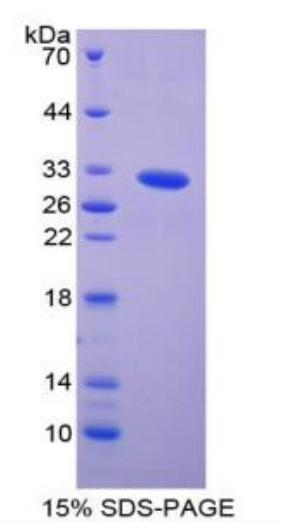
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	PAK2 p21 protein (Cdc42/Rac)-activated kinase 2 [Homo sapiens]
Official Symbol	PAK2
Synonyms	PAK2; p21 protein (Cdc42/Rac)-activated kinase 2; p21 (CDKN1A) activated kinase 2; serine/threonine-protein kinase PAK 2; PAK65; PAKgamma; S6/H4 kinase; p58; PAK-2; gamma-PAK; p21-activated kinase 2; p21 (CDKN1A)-activated kinase 2;
Gene ID	5062
mRNA Refseq	NM_002577
Protein Refseq	NP_002568
MIM	605022

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID	Q13177



Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA