



Recombinant Rat Serine/threonine-protein kinase PAK 7 (Pak7)

Product Code	CSB-EP017410RA-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	D4A280
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	MFGKKKKKIE ISGPSNFEHR VHTGFDPQEQ KFTGLPQQWH SLLADTANRP KPMVDPSCIT PIQLAPMKTI VRGNKSCCKES SINGLLEDFD NISVTRSNSL RKESPPTPDQ GAASRIQGHG EENGFITFSQ YSSESDTTTD YTTEKYRDRS LYGDDLDLYY RGSAAKQNG HAMKMKHGDA YPEMKPLKS DLARFPVDYH THLDSLKAS EYGLKWDYQ RASSSSPLDY SFQLTPSRTA GTSRCSKESL AYSESDWGPS FDDYDRRPKS SYLHQTSPQP AMRQRSKSGS GLQEPMPFG ASAFKTHPQG HSYNSYTYPR LSEPTMCIPK VDYDRAQMVF SPPLSGSDTY PRGPTKLPQS QSKVGYSSSS HQYPGYHKAS LYHHPQLQTS SQYISTASYL SSSLSSSTY PPSWGSSSD QQPSRVSHEQ FRAALQLVVS PGDPREYLDN FIKIGEGSTG IVCIAATEKHT GKQVAVKMD LRKQQRRELL FNEVVIMRDY HHDNVVDMYN SYLVGDELWV VMEFLEGGAL TDIVTHTRMN EEQIATVCLS VLKALSYLHN QGVIHRDIKS DSILLTSDGR IKLSDFGFA QVSKEVPRK SLVGTPTYWMA PEVISRLPYG TEVDIWSLGI MVIEMIDGEP PYFNEPPLQA MRRIRDSLPP RVKDLHKVSS MLRGFLDLML VREPSQRATA QELLGHPFLK LAGPPSCIVP LMRQYRHH
Source	E.coli
Target Names	Pak5
Protein Names	Recommended name: Serine/threonine-protein kinase PAK 7 EC= 2.7.11.1 Alternative name(s): p21-activated kinase 5 Short name= PAK-5 p21-activated kinase 7 Short name= PAK-7
Expression Region	1-718
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients,



storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.