



Recombinant Human Lymphokine-activated killer T-cell-originated protein kinase (PBK)

Product Code	CSB-EP822241HU-B
Abbreviation	PBK
Storage	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.
Uniprot No.	Q96KB5
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MEGISNFKTP SKLSEKKKSV LCSTPTINIP ASPFMQKLGFGTGVNVYLMK RSPRGLSHSP WAVKKINPIC NDHYRSVYQK RLMDEAKILK SLHHPNIVGY RAFTEANDGS LCLAMEYGGG KSLNDLIEER YKASQDPFPA AILKVALNM ARGLKYLHQE KLLHGDIKS SNVVIKGDFF TIKICDVGVS LPLDENMTVT DPEACYIGTE PWKPKEAVEE NGVITDKADI FAFGLTLWEM MTL SIPHINL SNDDDDDEDKT FDESDFDDEA YYAALGTRPP INMEELDESY QKVIELFSVC TNEDPKDRPS AAHIVEALET DV
Source	E.coli
Target Names	PBK
Protein Names	Recommended name: Lymphokine-activated killer T-cell-originated protein kinase EC= 2.7.12.2 Alternative name(s): Cancer/testis antigen 84 Short name= CT84 MAPKK-like protein kinase Nori-3 PDZ-binding kinase Spermatoge
Expression Region	1-322
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
Target Details	This genes encodes a serine/threonine kinase related to the dual specific mitogen-activated protein kinase kinase (MAPKK) family. Evidence suggests that mitotic phosphorylation is required for its catalytic activity. This mitotic kinase may be involved in the activation of lymphoid cells and support testicular functions, with a suggested role in the process of spermatogenesis.
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

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