



Recombinant Human Protein-tyrosine kinase 6 (PTK6)

Product Code	CSB-YP614448HU
Abbreviation	PTK6
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.	Q13882
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MVSRDQAHLG PKYVGLWDFK SRTDEELSFR AGDVFHVARK EEQWWWATLL DEAGGAVAQG YVPHNYLAER ETVESEPWFF GCISRSEAVR RLQAEGNATG AFLIRVSEKP SADYVLSVRD TQAVRHYKIW RRAGGRLHLN EAVSFLSLPE LVNYHRAQSL SHGLRLAAPC RKHEPEPLPH WDDWERPREE FTLCRKLGSF YFGEVFEGW KDRVQVAIKV ISRDNLLHQQ MLQSEIQAMK KLRHKHILAL YAVVSVGDPV YIITELMAKG SLELLLRDSD EKVLPVSELL DIAWQVAEGM CYLESQNYIH RDLAARNILV GENTLCKVGD FGLARLIKED VYLSHDHNIP YKWTAPEALS RGHYSTKSDV WSGILLHEM FSRGQVPYPG MSNHEAFLRV DAGYRMPCL ECPPSVHKLM LTCWCRDPEQ RPCFKALRER LSSFTSYENP T
Source	Yeast
Target Names	PTK6
Protein Names	Recommended name: Protein-tyrosine kinase 6 EC= 2.7.10.2 Alternative name(s): Breast tumor kinase Tyrosine-protein kinase BRK
Expression Region	1-451
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 protein is a cytoplasmic nonreceptor protein kinase which may function as an intracellular signal transducer in epithelial tissues. Overexpression of this gene in mammary epithelial cells leads to sensitization of the cells to epidermal growth factor and results in a partially transformed phenotype. Expression of this gene has been detected at low levels in some breast tumors but not in normal breast tissue. The encoded protein has been shown to undergo autophosphorylation.

**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.