

Recombinant Human CDK18 protein, His & T7-tagged

Cat. No. CDK18-1248H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDK18 aa. (Tyr144~Phe425 (Accession # Q07002) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Tyr144~Phe425
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 35.9kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 7.0.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH ₂ O.

GENE INFORMATION

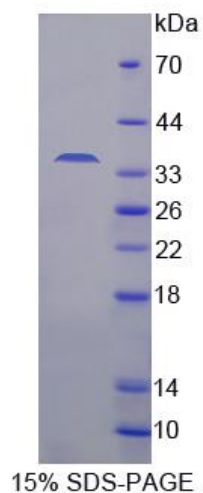
Gene Name	CDK18 cyclin dependent kinase 18 [Homo sapiens (human)]
Official Symbol	CDK18
Synonyms	CDK18; cyclin dependent kinase 18; PCTK3; PCTAIRE; PCTAIRE3; cyclin-dependent kinase 18; PCTAIRE protein kinase 3; PCTAIRE-motif protein kinase 3; cell division protein kinase 18; serine/threonine-protein kinase PCTAIRE-3
Gene ID	5129
mRNA Refseq	NM_002596.3
Protein Refseq	NP_002587.2
UniProt ID	Q07002

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SDS-PAGE



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