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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CDK7 (Human) Recombinant Protein (P01)

Catalog Number: H00001022-P01

Regulation Status: For research use only (RUO)

Product Description: Human CDK7 full-length ORF (AAH00834.1, 1 a.a. - 346 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MALDVKSRAKRYEKLDLDFLGEGQFATVYKARDKNTNQI
VAIKKIKLGHHRSEAKDGINRTALREIKLLQELSHPNIIIGLL
DAFGHKSNISLVDFDFMETDLEVIKDNSLVLTSPHIKAY
MLMTLQGLEYLHQHWILHRDLKPNLLLLDENGVLKLA
DFGLAKSFGSPNRAYTHQVVTRWYRAPELLFGARMY
GVGVDMWAVGCILAEALLLRVFPFLPGDSDLQLTRIFET
LGTPTEEQWPDMCSLPDYVTFKSFPGIPLHHIFSAAGD
DLLDLIQGLFLFNPCARITATQALKMKYFSNRPGPTPG
CQLPRNCPVETLKEQSNPALAIKRKRTEALEQGGLP
KKLIF

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 63.58

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1022

Gene Symbol: CDK7

Gene Alias: CAK1, CDKN7, MO15, STK1, p39MO15

Gene Summary: The protein encoded by this gene is a member of the cyclin-dependent protein kinase (CDK) family. CDK family members are highly similar to the gene products of *Saccharomyces cerevisiae* cdc28, and *Schizosaccharomyces pombe* cdc2, and are known to be important regulators of cell cycle progression. This protein forms a trimeric complex with cyclin H and MAT1, which functions as a Cdk-activating kinase (CAK). It is an essential component of the transcription factor TFIIH, that is involved in transcription initiation and DNA repair. This protein is thought to serve as a direct link between the regulation of transcription and the cell cycle. [provided by RefSeq]