

Recombinant Human CDK4 protein, GST-tagged

Cat. No. CDK4-758H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDK4 protein(NP_000066.1) (Met 1-Glu 303) was expressed in Insect Cells, fused with the GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-303 aa
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, 10% gly, 0.5mM PMSF, pH 8.0.
Molecular Mass	The recombinant human CDK4/GST chimera consists of 528 amino acids and predicts a molecular mass of 60 kDa. It migrates as an approximately 55 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION**Gene Name** CDK4 cyclin-dependent kinase 4 [Homo sapiens]**Official Symbol** CDK4**Synonyms** CDK4; cyclin-dependent kinase 4; PSK J3; cell division protein kinase 4; CMM3; PSK-J3; MGC14458;**Gene ID** 1019**mRNA Refseq** NM_000075**Protein Refseq** NP_000066**MIM** 123829**UniProt ID** P11802 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA