

# Recombinant Human CDK4 Protein, GST-tagged, Alexa Fluor 647 conjugated

Cat. No. CDK4-758HAF647    Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Alexa Fluor 647 conjugated recombinant human CDK4 (NP_000066.1) (Met 1-Glu 303), fused with the GST tag at the N-terminus, was produced in Baculovirus-Insect cells.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	528
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Characteristic</b>	Disulfide-linked homodimer Labeled with Alexa Fluor 647 via amines Excitation = 650 nm Emission = 668 nm
<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.

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<b>Storage</b>	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Lyophilized from sterile 50 mM Tris, 100 mM NaCl, 10% gly, 0.5 mM PMSF, pH 8.0
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
<b>Conjugation</b>	Alexa Fluor 647

## GENE INFORMATION

<b>Gene Name</b>	CDK4 cyclin-dependent kinase 4 [ Homo sapiens ]
<b>Official Symbol</b>	CDK4
<b>Gene ID</b>	1019
<b>mRNA Refseq</b>	NM_000075
<b>Protein Refseq</b>	NP_000066
<b>MIM</b>	123829
<b>UniProt ID</b>	P11802

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