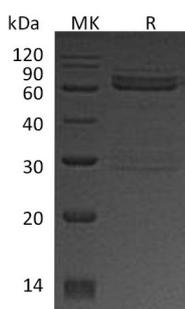


## Summary

<b>Name</b>	CAMK1D/Calcium/calmodulin-dependent protein kinase type 1D
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	Recombinant Human Calcium/Calmodulin-Dependent Protein Kinase Type ID is produced by our E.coli expression system and the target gene encoding Met1-Lys385 is expressed with a GST tag at the N-terminus.
<b>Accession #</b>	Q8IU85
<b>Host</b>	E.coli
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	69.2 KDa
<b>Formulation</b>	Supplied as a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
<b>Shipping</b>	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>Reconstitution</b>	

## SDS-PAGE image



## Background

<b>Alternative Names</b>	Calcium/calmodulin-dependent protein kinase type 1D; CaM kinase I delta; CaMKI-like protein kinase; CAMK1D.CAMK1D; CaMK1 delta;
<b>Background</b>	CAMK1D is a serine/threonine kinase that is a member of the calcium/calmodulin-dependent protein kinase family. It contains a protein kinase domain. CAMK1D

**Product Name: Recombinant Human CAMK1D (N-GST)**  
**Catalog #: PEH0208**



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expressed in polymorphonuclear leukocytes and may be part of the chemokine signal transduction pathway that regulates granulocyte function. It may also be involved in modulation of neuronal apoptosis. It activates CREB-dependent gene transcription, regulates calcium-mediated granulocyte function and respiratory burst and promotes basal dendritic growth of hippocampal neurons.

**Note**

For Research Use Only , Not for Diagnostic Use.