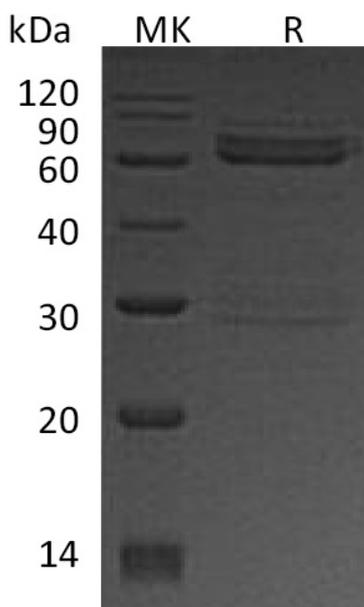


Summary

Name	CAMK1D/Calcium/calmodulin-dependent protein kinase type 1D
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	Q8IU85
Host	E.coli
Species	Human
Predicted Molecular Mass	69.2 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	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.
Reconstitution	

SDS-PAGE image



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



Alternative Names

Calcium/calmodulin-dependent protein kinase type 1D; CaM kinase I delta; CaMKI-like protein kinase; CAMK1D.CAMK1D; CaMK1 delta;

Background

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 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.