Recombinant Human CAMK1D Protein, GST-tagged

Cat. No. CAMK1D-404H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CAMK1D, transcript variant 2, fused with GST tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene is a member of the calcium/calmodulin-dependent protein kinase 1 family, a subfamily of the serine/threonine kinases. The encoded protein is a component of the calcium-regulated calmodulin-dependent protein kinase cascade. It has been associated with multiple processes including regulation of granulocyte function, activation of CREB-dependent gene transcription, aldosterone synthesis, differentiation and activation of neutrophil cells, and apoptosis of erythroleukemia cells. Alternatively spliced transcript variants encoding different isoforms of this gene have been described.
Form	Supplied as a 0.2 μM filtered solution of PBS, pH 7.4
Molecular Mass	69.2kD
AA Sequence	MSPILGYWKIKGLVQPTRLLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPY YIDGDVKLTQSMAIIRYIADKHNMLGGCPKERAEISMLEGAVLDIRYGVSRIAYSKDFE TLKVDFLSKLPEMLKMFEDRLCHKTYLNGDHVTHPDFMLYDALDVVLYMDPMCLDA FPKLVCFKKRIEAIPQIDKYLKSSKYIAWPLQGWQATFGGGDHPPKSDLVPRGSMAR ENGESSSSWKKQAEDIKKIFEFKETL

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Endotoxin	Endotoxin level is <0.1 ng/μg of protein (<1EU/μg).
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining

GENE INFORMATION

Gene Name	CAMK1D calcium/calmodulin-dependent protein kinase ID [Homo sapiens]
Official Symbol	CAMK1D
Synonyms	CAMK1D; calcium/calmodulin-dependent protein kinase ID; calcium/calmodulin-dependent protein kinase type 1D; CKLiK; caMKI delta; caM-KI delta; CaM kinase ID; caM kinase I delta; CamKI-like protein kinase; CaM-K1; CaMKID;
Gene ID	57118
mRNA Refseq	NM_020397
Protein Refseq	NP_065130
MIM	607957
UniProt ID	Q8IU85

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