

Recombinant Human CAMK1D protein, GST-tagged

Cat. No. CAMK1D-780H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CAMK1D protein(NP_705718.1) (Met 1-Lys 385) was expressed in Insect Cells, fused with the GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-385 aa
Form	Supplied as sterile 50mM Tris, 100mM NaCl, 0.5mM Reduced Glutathione, pH 8.0.
Bio-activity	The specific activity was determined to be 70 nmol/min/mg using Autocamtide-2 synthetic peptide (KKALRRQETVDAL-amide) as substrate.
Molecular Mass	The recombinant human CAMK1D/GST chimera consists of 610 amino acids and predicts a molecular mass of 69 kDa. It migrates as an approximately 60 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 96 % 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.

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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.

GENE INFORMATION

Gene Name	CAMK1D calcium/calmodulin-dependent protein kinase ID [Homo sapiens]
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Official Symbol	CAMK1D
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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
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mRNA Refseq	NM_020397
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Protein Refseq	NP_065130
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MIM	607957
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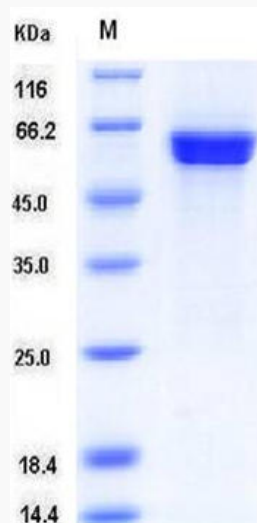
UniProt ID	Q8IU85
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SDS-PAGE



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