

Recombinant Human CAMK1D Protein

Catalog #	Source	Reactivity	Applications
CRP1170	E. coli	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human CAMK1D Protein 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.
Form	Liquid in a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Gene Symbol	CAMK1D
Alternative Names	CAMKID; Calcium/calmodulin-dependent protein kinase type 1D; CaM kinase I delta; CaM kinase ID; CaM-KI delta; CaMKI delta; CaMKID; CaMKI-like protein kinase; CKLiK
Entrez Gene	57118 (Human)
SwissProt	Q8IU85 (Human)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	MSPILGYWKI KGLVQPTRLLEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV DFLSKLP EML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAIPIQID KYLKSSKYIA WPLQG WQATF GGGDHPPKSD LVPRGSMARE NGESSSSWKK QAEDIKKIFE FKETLGTGAF SEVVLAE EKA TGKLF AVKCI PKKALKGKES SIENEIAVLR KIKHENIVAL EDIYESPNHL YLVMQLVSGG ELFDRIVEKG FYTEKDASTL IRQVLDAVYY LHRMGIVHRD LKPENLLYYS QDEESKIMIS DFGLSKMEGK GDVMSTACGT PGYVAPEVLA QKPYSKAVDC WSIGVIAIYL LCGYPPFYDE NDSKLF EQIL KAEYEFDS PY WDDISDSAKD FIRNLMEKDP NKRYTCEQAA RHPWIAGDTA LNKNIHESVS AQIRKNFAKS KWRQAFNATA VVRHMRKLHL GSSLDSSNAS VSSLSLASQ KDCLAPSTLC SFISSSSGVS GVGAERRPRP TTVTAVHSGS K

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

Quality Control	Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage/Stability	Store it at -20°C to -80°C for one year.

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