

Recombinant Full Length Medicago Truncatula Calcium And Calcium/Calmodulin-Dependent Serine/Threonine-Protein Kinase Dmi-3(Dmi3) Protein, His-Tagged

Cat. No. RFL16708MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Medicago truncatula Calcium and calcium/calmodulin-dependent serine/threonine-protein kinase DMI-3(DMI3) Protein (Q6RET7) (1-523aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Medicago truncatula
Source	E.coli
ProteinLength	Full Length (1-523)
Form	Lyophilized powder
AA Sequence	MGYGTRKLSDEYEVSEILGRGGFSVVRKGTKKSSIEEEKSQSQVAIKTLRRLGASNN PSG LPRKKDIGEKSTIGFPTMRQVSVSDTLLTNEILVMRRIVENVSPHPNVIDLYDVY EDTNG VHLVLELCSSGGEFDRIVAQDKYSETEAATVVHQIASGLEAVHRANIVHRDL KPENCLFL DVRKDSPLKIMDFGLSSVEEFTDPVVGLFGSIDYVSPEALSQGKITTKSD MWSLGVILYI LLSGYPPFIAQNNRQKQQMIMNGNFSFYEKTWKGISQPAKNLISSLLT VDPSKRPSALEL LSDPWVKGEKAKDVQMDPEIVSRLQSFNARRKLRAAAIASVWSS TIFLRTKKLKS LVGSY DLKEEEIENLRMHFKKICADRDNATLSEFEEVLKAMNMLSLIP FASRIFDLFDNNRDGTV DMREILCGFSSLKNSKGEDALRLCFQMYDTRSGCISKE EVASMLRALPYDCLPTDITEP GKLDEIFDLMDANNDGKVTFDEFKAAMQRDSSLQD VVLSSIRP

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Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	DMI3
Synonyms	CCAMK; DMI3; MTR_8g043970; Calcium and calcium/calmodulin-dependent serine/threonine-protein kinase DMI-3; CCaMK DMI3; MtCCaMK; Protein DOES NOT MAKE INFECTIONS 3
UniProt ID	Q6RET7

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