

Recombinant Full Length Arabidopsis Thaliana Diacylglycerol Kinase 1(Dgk1) Protein, His-Tagged

Cat. No. RFL19904AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Diacylglycerol kinase 1(DGK1) Protein (Q39017) (1-728aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-728)
Form	Lyophilized powder
AA Sequence	MDDDGELGMFFPSWTSKNPIDTVESRGLMFSCFVAALVGILTIAYTAFQWRRNINLS WTK AIARSKKNPKARHKVPVAPHSWELDPIARAKNLNCCVCLKSMSPSQAI VASES FFHRCTI CGAAAHFNCSSSAPKDCKCVSMVGFEHVHQQWAVRWTEGADQTDDSS FCSYCDDESCSSSF LGGSPIWCCLWCQRLVHVDCHSNMSNETGDICDLGPLRRLILC PLYVKELTRNPSGGFLS SITHGANELASTALASIRIQSKKYKQTNETSADTGNSGSN CDESTESTADTGPTVNGAHA VLENSISVMNGDSSNGDSDSNGKLEKKPSVKRTGS FGQKEYHALRSKLKYELADLPDAR PLLVFINKKSGAQRGDSLRLHLHLNPVQV FELSSVQGPEVGLFLFRKVPFHRVLVCGG DGTAGWVLDAIEKQNFISPPAVAILPAG TGNDLSRVLNWGGGLGSVERQGGLSTVLQNie HAAVTVLDRWKVSILNQQGKQLQ PPKYMNNYIGVGCDAKVALEIHNLREENPERFYSQFM NKVLYAREGARSIMDRTFE DFPWQVRVEVDGVDIEVPEDAEGILVANIGSYMGGVDLWQN EDETYENFDPQSMH DKIVEVVSISGTWHLGKLQVGLSRARRLAQGS AVKIQLCAPLPVQI DGEPWNQQPC

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	TLTISHHGQAFMLKRAAEEPLGHAAAITDVLENAETNQVINASQKRTL QEMALRLT
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	DGK1
Synonyms	DGK1; At5g07920; F13G24.120; MXM12.16; Diacylglycerol kinase 1; AtDGK1; DAG kinase 1; Diglyceride kinase 1; DGK 1
UniProt ID	Q39017