

Recombinant Full Length Human Diacylglycerol Kinase Epsilon(Dgke) Protein, His&Myc-Tagged

Cat. No. RFL26787HF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Human Diacylglycerol kinase epsilon(DGKE) Protein (P52429) (1-567aa), fused to N-terminal 10xHis-SUMO tag and C-terminal Myc tag, was expressed in E. coli.

Species Human

Source E.coli

ProteinLength Full Length (1-567aa)

Form Lyophilized powder

AA Sequence

MEAERRPAPGSPSEGLFADGHLILWTLCSVLLPVFITFWCSLQRSRRQLHRRDIFRK
 SKHGWRDIDLFSQPTYCCVCAQHILQGAFCDCCGLRVDEGCLRKADKRFQCKEIM
 LKNDTKVLDAMPHHWIRGNVPLCSYCMVCKQQCGCQPKLCDYRCIWCQKTVHDEC
 MKNSLKNEKCDFGEFKNLIIPPSYLTSINQMRKDKKTDYEVLASKLGKQWTPLIILANS
 RSGTNMGEGLLGEFRILLNPVQVFDVTKTPPIKALQLCTLLPYYSARVLVCGGDGTV
 GWVLDVAVDDMKIKGQEKYIPQVAVLPLGTGNDLSNTLGWGTGYAGEIPVAQVLRNV
 MEADGIKLDRWKVQVTNKGYYNLRKPKEFTMNNYFSVGPDALMALNFHAHREKAP
 SLFSSRILNKAVYLFYGT KDCLVQECKDLNKKVELELDGERVALPSLEGIIVLNIGYWG
 GGCRLWEGMGDETYPLARHDDGLLEVGVYGSFHCAQIQVKLANPFRIGQAHTVR
 LILKCSMMPMQVDGEPWAQGPCTVTITHKTHAMMLYFSGEQTDDDISSTSDQEDIK
 ATE Note: The complete sequence including tag sequence, target protein sequence a

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	nd linker sequence could be provided upon request.
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	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	DGKE
Synonyms	DGKE; DAGK5; Diacylglycerol kinase epsilon; DAG kinase epsilon; Diglyceride kinase epsilon; DGK-epsilon
UniProt ID	P52429

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