

Diacylglycerol kinase alpha (DGKA) Recombinant Protein | DGKA recombinant protein

Recombinant Human Diacylglycerol kinase alpha (DGKA)

CATALOG # AAA18486	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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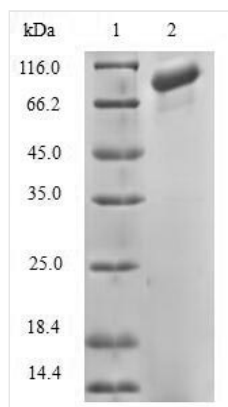
PRODUCT SYNONYMS

Diacylglycerol kinase alpha (DGKA); Recombinant Human Diacylglycerol kinase alpha (DGKA); Diacylglycerol kinase alpha; DAG kinase alpha; EC=2.7.1.107; 80 kDa diacylglycerol kinase; Diglyceride kinase alpha; DGK-alpha; DGKA recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-735aa; Full Length;
Sequence	MAKERGLISP SDFAQLQKYM EYSTKKVSDV LKLFEDGEMA KYVQGDAIGY EGFQQFLKIY LEVDNVPRHL SLALFQSFET GHCLNETNVT KDVVCLNDVS CYFSLLEGGR PEDKLEFTFK LYDTRNGIL DSSEVDKIIL QMMRVAEYLD WDVSELRPIL QEMMKEIDYD GSGSVSQA EW VRAGATTVPL LVLLGLEMTL KDDGQHMWRP KRFPRPVYCN LCESSIGLGK QGLSCNLCKY TVHDQCAMKA LPCEVSTYAK SRKDIGVQSH VWVRGGCESG RCDRCQKKIR IYHSLTGLHC VWCHLEIHDD CLQAVGHECD CGLLRDHILP PSSIYPSVLA SGPDRKNSKT SQKTMDDLNL STSEALRIDP VPNTHPLLVF VNPKSGGKQG QRVLWKFQYI LNPRQVFNLL KDGPEIGLRL FKDVPDSRIL VCGGDGTVGW ILETIDKANL PVLPPVAVLP LGTGNDLARC LRWGGGYEGQ NLAKILKDLE MSKVVMHMDRW SVEVIPQQTE EKSDPVPFQI INNYFSIGVD ASIAHRFHIM REKYPEKFNS RMKNKLWYFE FATSESIFST CKKLEESLTV EICGKPLDLS NLSLEGIAVL NIPSMHGGSN LWGDTRRPHG DIYGINQALG ATAKVITDPD ILKTCVPDLS DKRLEVVGLE GAIEMGQIYT KLKNAGRRLA KCSEITFHIT KTLPMQIDGE PWMQTPCTIK ITHKNQMPML MGPPPRSTNF FGFLS
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for DGKA recombinant protein	Upon cell stimulation converts the second messenger diacylglycerol into phosphatidate, initiating the resynthesis of phosphatidylinositols and attenuating protein kinase C activity.
Product Categories/Family for DGKA recombinant protein	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	31542504
NCBI GeneID	1606
NCBI Accession #	NP_001336.2
NCBI GenBank Nucleotide #	NM_001345.4
UniProt Accession #	P23743; O75481; O75482; O75483; O95217; Q3ZE25; Q8IZ56; Q8N5Q2
Molecular Weight	86.6 kDa
NCBI Official Full Name	diacylglycerol kinase alpha
NCBI Official Synonym Full Names	diacylglycerol kinase, alpha 80kDa
NCBI Official Symbol	DGKA
NCBI Official Synonym Symbols	DAGK; DAGK1; DGK-alpha
NCBI Protein Information	diacylglycerol kinase alpha; DAG kinase alpha; diglyceride kinase alpha; 80 kDa diacylglycerol kinase
UniProt Protein Name	Diacylglycerol kinase alpha
UniProt Gene Name	DGKA
UniProt Synonym Gene Names	DAGK; DAGK1; DAG kinase alpha; DGK-alpha
UniProt Entry Name	DGKA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/dgka-recombinant-protein-e-coli/18486>