

Recombinant Active Rat Dgka Protein, His-tagged

Cat. No. Dgka-11R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length rat DGKA was expressed by baculovirus in Sf9 insect cells using an N-terminal His tag.
Species	Rat
Source	Insect Cells
Description	May mediate myelin formation and metabolism; expressed specifically in oligodendrocytes.
Molecular Mass	Approx 83 kDa
Purity	> 95%
Stability	One year at -70 centigrade from data of shipment.
Storage	Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.1 µg/µL
Storage Buffer	Recombinant protein stored in 50 mM sodium phosphate, pH 7.0, 300 mM NaCl, 100 mM imidazole, 0.25 mM DTT, 25% glycerol.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Shipping Dry ice

GENE INFORMATION

Gene Name Dgka diacylglycerol kinase, alpha [*Rattus norvegicus* (Norway rat)]

Official Symbol Dgka

Synonyms Dgka; diacylglycerol kinase, alpha; Dagk1; diacylglycerol kinase alpha; 80 kDa diacylglycerol kinase; DAG kinase alpha; DGK-alpha; diglyceride kinase alpha; EC 2.7.1.107

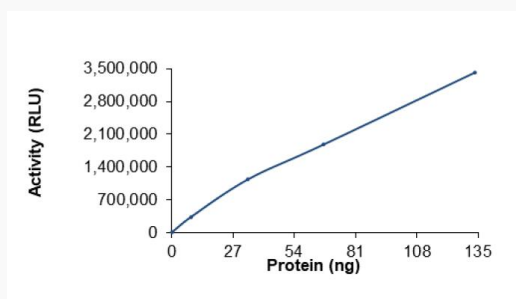
Gene ID 140866

mRNA Refseq NM_080787

Protein Refseq NP_542965

UniProt ID P51556

Specific Activity



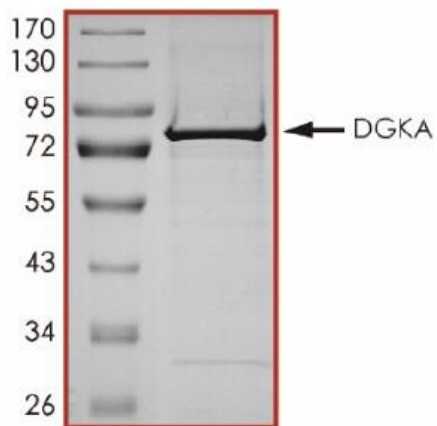
The specific activity of DGKA was determined to be 106 nmol/min/mg as per activity assay protocol.

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Purity



The purity of DGKA was determined to be > 95 % by densitometry.

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