Recombinant Active Rat Dgka Protein, His-tagged

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

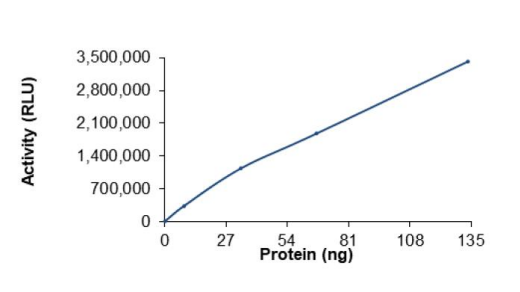
SPECIFICATION

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.

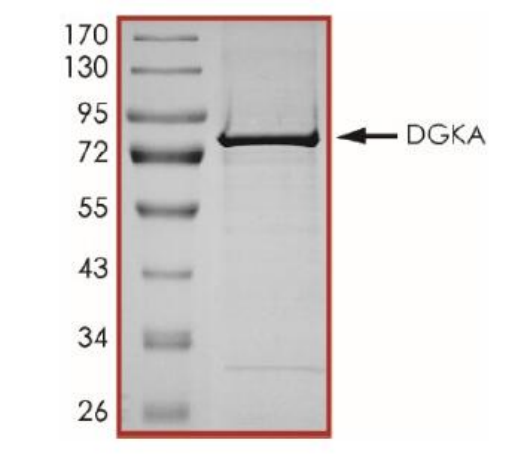
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Shipping	Dry ice

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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