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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

DGKA (Human) Recombinant Protein (P02)

Catalog Number: H00001606-P02

Regulation Status: For research use only (RUO)

Product Description: Human DGKA full-length ORF (NP_001336.2, 1 a.a. - 735 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MAKERGLISPSDFAQLQKYMEYSTKKVSDVLKLFEDG
EMAKYVQGDAIGYEGFQQFLKIYLEVDNVPRHLSLALF
QSFETGHCLNETNVTKDVVCLNDVSCYFSLLEGGRPE
DKLEFTFKLYDTRNGILDSSEVDKIILQMMRVAEYLD
WDVSELRPILQEMMKEIDYDGSVSQA EWVRAGAT
TVPLL VLLGLEMTLKDDGQHMWRPKRFRPVYCNLCE
SSIGLGKQGLSCNLCKYTVHDQCAMKALPCEVSTYAK
SRKDIGVQSHVWVRGGCESGRCDRCQKKIRIYHSLTG
LHCVWCHLEIHDDCLQAVGHECDCGLLRDHILPPSIY
PSVLASGPDRKNSKTSQKTMDLNLSTSEALRIDPVP
NTHPLL VFNPKSGGKQGRVWLKFKYILNPRQVFNL
LKDGP EIGLRLFKDVPDSRILVCGGDGT VGWILETIDKA
NLPVLP PVAVLPLGTGNLRLARCLRWGGGYEQNLAKI
LKDLEMSKV VHM DRWSVEVIPQQTEEKSDPVPFQIINN
YFSIGVDASIAHRFHIMREKYPEKFN SRMKNKLWYF EF
ATSESI FSTCKKLEESLTVEICGKPLDLSNLSLEGIAVLN
IPSMHGGSNLWGDTRRPHGDIYGINQALGATAKVITDP
DILKTCVPDLSDKRLEVVGLEGA IEMGQIYTKLKNAGR
RLAKCSEITFHTTKLPMQIDGEPWMQTPCTIKITHKN
QMPMLMGPPPRSTNFFGFLS

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 109

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1606

Gene Symbol: DGKA

Gene Alias: DAGK, DAGK1, DGK-alpha, MGC12821, MGC42356

Gene Summary: The protein encoded by this gene belongs to the eukaryotic diacylglycerol kinase family. It acts as a modulator that competes with protein kinase C for the second messenger diacylglycerol in intracellular signaling pathways. It also plays an important role in the resynthesis of phosphatidylinositols and phosphorylating diacylglycerol to phosphatidic acid. Alternative splicing occurs at this locus and four transcript variants encoding the same protein have been identified. [provided by RefSeq]