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YBE975Mu01

100μg Recombinant Eukaryotic Translation Initiation Factor 2 Alpha Kinase 3
(EIF2aK3)

Organism Species: *Rattus norvegicus*
(Rat)

*Instruction
manual*

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

10th Edition (Revised in Jan,
2014)

[PROPERTIES]

Residues: Met973~Asn1114

Tags: Two N-terminal Tags, His-tag and T7-tag

Accession: Q9Z2B5

Host: *E. coli*

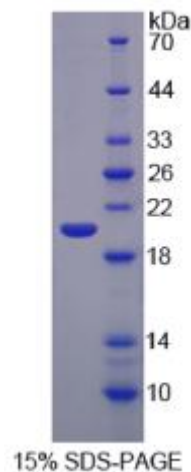
Subcellular Location: Endoplasmic reticulum
membrane.

Purity: >90%

Endotoxin Level: <1.0EU per 1μg (determined by the
LAL method).

Formulation: Supplied as lyophilized form in

PBS, pH7.4, containing 5% trehalose, 0.01%
sarcosyl.





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Predicted isoelectric point:

7.9 Predicted Molecular Mass:

19.9kDa

Applications: SDS-PAGE; WB; ELISA; IP.

(May be suitable for use in other assays to be determined by the end user.)

[USAGE]

Reconstitute in sterile PBS, pH7.2-pH7.4.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCES]

The sequence of the target protein is listed below.

MPAYATHT GQVGTKLYMS PEQIHGNNYS HKVDIFSLGL ILFELLYPFS TQMERVERILT
DVRNLKFPLL FTQKYPQEHM MVQDMLSPSP TERPEATDII ENAIFENLEF PGKTVLRQRS
RSMSSSGTKH SRQPSCSYSP LPGN