Recombinant Dual Specificity Tyrosine Phosphorylation Regulated Kinase 1A (DYRK1A) Instruction Manual

SIPJ672Mu01

Mus musculus (Mouse)

Source Prokaryotic expression

Host E.coli

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

Subcellular LocationNucleusPredicted Molecular Mass37.3kDa

Accurate Molecular Mass 37kDa(Analysis of differences refer to the manual)

Residues & Tags Arg16~Arg300 with N-terminal His Tag

100mMNaHCO₃, 500mMNaCl, pH8.3, containing 1mM

Buffer Formulation EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and

Proclin300.

Traits Freeze-dried powder

Purity > 97% Isoelectric Point 9.7

Applications Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

RLAPS FSFHAAGLQM AAQMPHSHQY SDRRQPSISD QQVSALPYSD QIQQPLTNQV MPDIVMLQRR MPQTFRDPAT APLRKLSVDL IKTYKHINEV YYAKKKRRHQ QGQGDDSSHK KERKVYNDGY DDDNYDYIVK NGEKWMDRYE IDSLIGKGSF GQVVKAYDRV EQEWVAIKII KNKKAFLNQA QIEVRLLELM NKHDTEMKYY IVHLKRHFMF RNHLCLVFEM LSYNLYDLLR NTNFRGVSLN LTRKFAQQMC TALLFLATPE LSIIHCDLKP ENILLCNPKR

USAGE

Reconstitute in ddH₂O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

The thermal stability is described by the loss rate. 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. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Image

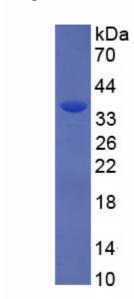


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.