RPD138Mu01 100µg

Recombinant Synapsin II (SYN2)

Organism Species: *Mus musculus (Mouse)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Leu88~Thr422

Tags: N-terminal His Tag

Subcellular Location: Extracellular matrix

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 5% Trehalose .

Original Concentration: 200μg/mL

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

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

Predicted isoelectric point: 6.4

Predicted Molecular Mass: 41.2kDa

Accurate Molecular Mass: 41kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

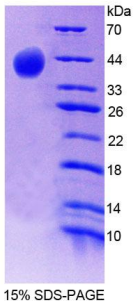
Aliquot and store at -80ºC for 12 months.

Stability Test: 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.

[SEQUENCE]

LSQ AVKQTAASAG LVDAPAPSAA SRKAKVLLVV DEPHTDWAKC FRGKKILGDY DIKVEQAEFS
ELNLVAHADG TYAVDMQVLR NGTKVVRSFR PDFVLIRQHA FGMAENEDFR HLVIGMQYAG LPSINSLESI
YNFCDKPWVF AQMVAIFKTL GGEKFPLIEQ TYYPNHREML TLPTFPVVVK IGHAHSGMGK VKVENHYDFQ
DIASVVALTQ TYATAEPFID AKYDIRVQKI GNNYKAYMRT SISGNWKTNT GSAMLEQIAM SDRYKLWVDA
CSEMFGGLDI CAVKAVHGKD GKDYIFEVMD CSMPLIGEHQ VEDRQLITDL VISKMNQLLS RT

[IDENTIFICATION]



15% 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.