

Recombinant Rat Kcnp3 Protein, His-tagged

Cat. No. Kcnp3-1709R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Kcnp3 Protein (Met1-Ile256) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Met1-Ile256
Description	Enables potassium channel regulator activity; sequence-specific DNA binding activity; and transmembrane transporter binding activity. Involved in intracellular protein transport. Located in axon terminus; dendrite; and nucleus. Part of protein-DNA complex. Orthologous to human KCNIP3 (potassium voltage-gated channel interacting protein 3).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 33.2 kDa Accurate Molecular Mass: 33 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

accelerated thermal degradation test, that is, incubate the protein at 37 centigrade 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.

Storage

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

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

[Kcnp3 Kv channel interacting protein 3, calsenilin \[Rattus norvegicus \(Norway rat\) \]](#)

Official Symbol

[Kcnp3](#)

Synonyms

KCNIP3; Kv channel interacting protein 3, calsenilin; calsenilin; KChIP3; DRE-antagonist modulator; kv channel-interacting protein 3; A-type potassium channel modulating protein 3; A-type potassium channel modulatory protein 3; downstream regulatory element-antagonist modulator; calsenilin, presenilin-binding protein, EF hand transcription factor; calsenilin presenilin-binding protein EF hand transcription factor; calsenilin, presenilin binding protein, EF hand transcription factor; calsenilin, presenilin-binding protein, EF hand transcription factor; Csen; Dream; rKChIP3;

Gene ID

[65199](#)

mRNA Refseq

[NM_032462](#)

Protein Refseq

[NP_115851](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



UniProt ID

Q9JM47

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA