Recombinant Rat Kcnip3 Protein, His-tagged

Cat. No. Kcnip3-1709R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Kcnip3 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

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	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	Kcnip3 Kv channel interacting protein 3, calsenilin [Rattus norvegicus (Norway rat)]
Official Symbol	Kcnip3
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 fa; 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

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UniProt ID	Q9JM47

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