

## Recombinant Mouse Kcnp3 Protein, Myc/DDK-tagged

**Cat. No.** Kcnp3-3659M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length Kv channel interacting protein 3, calsenilin (Kcnp3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                                                                          |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                     |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                    |
| <b>Description</b>      | Calcium-dependent transcriptional repressor that binds to the DRE element of genes including PDYN and FOS. Affinity for DNA is reduced upon binding to calcium and enhanced by binding to magnesium. Seems to be involved in nociception. |
| <b>Molecular Mass</b>   | 29.5 kDa                                                                                                                                                                                                                                  |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                               |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                                                                             |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                                                                                            |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                                                                                          |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                     |

### GENE INFORMATION

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

|                        |                                                                                                                                                                                                                                                                                                                                                  |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Kcnip3 Kv channel interacting protein 3, calsenilin [ Mus musculus (house mouse) ]                                                                                                                                                                                                                                                               |
| <b>Official Symbol</b> | Kcnip3                                                                                                                                                                                                                                                                                                                                           |
| <b>Synonyms</b>        | KCNIP3; Kv channel interacting protein 3, calsenilin; calsenilin; DRE-antagonist modulator; kv channel-interacting protein 3; potassium channel interacting protein 3; A-type potassium channel modulatory protein 3; calsenilin, presenilin binding protein, EF hand transcription factor; Csen; DREAM; KCHIP3; R74849; AI413860; 4933407H12Rik |
| <b>Gene ID</b>         | 56461                                                                                                                                                                                                                                                                                                                                            |
| <b>mRNA Refseq</b>     | NM_019789                                                                                                                                                                                                                                                                                                                                        |
| <b>Protein Refseq</b>  | NP_062763                                                                                                                                                                                                                                                                                                                                        |
| <b>UniProt ID</b>      | Q9QXT8                                                                                                                                                                                                                                                                                                                                           |

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