



# Recombinant Human Calsenilin (KCNIP3)

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| <b>Product Code</b>      | CSB-YP897537HU   |
| <b>Abbreviation</b>      | KCNIP3   |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.   |
| <b>Uniprot No.</b>       | Q9Y2W7   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Homo sapiens (Human)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | MQPAKEVTKA SDGSLGDLG HTPLSKKEGI KWQRPRLSRQ ALMRCCLVKW<br>ILSSTAPQGS DSSDSELELS TVRHQPEGLD QLQAQTKFTK KELQSLYRGF<br>KNECPTGLVD EDTFKLIYAQ FFPQGDATTY AHFLFNAFDA DGNGAIHFED<br>FVVGLSILLR GTVHEKWKWA FNLYDINKDG YITKEEMLAI MKSIYDMMGR<br>HTYPILREDA PAEHVERFFE KMDRNQDGVV TIEEFLEACQ KDENIMSSMQ<br>LFENVI  |
| <b>Source</b>            | Yeast  |
| <b>Target Names</b>      | KCNIP3   |
| <b>Protein Names</b>     | Recommended name: Calsenilin Alternative name(s): A-type potassium channel modulatory protein 3 DRE-antagonist modulator Short name= DREAM Kv channel-interacting protein 3 Short name= KChIP3   |
| <b>Expression Region</b> | 1-256  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.  |
| <b>Protein Length</b>    | full length protein  |
| <b>Target Details</b>    | This gene encodes a member of the family of voltage-gated potassium (Kv) channel-interacting proteins, which belong to the recoverin branch of the EF-hand superfamily. Members of this family are small calcium binding proteins containing EF-hand-like domains. They are integral subunit components of native Kv4 channel complexes that may regulate A-type currents, and hence neuronal excitability, in response to changes in intracellular calcium. The encoded protein also functions as a calcium-regulated transcriptional repressor, and interacts with presenilins. Alternatively spliced transcript variants encoding different isoforms have been described. |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final   |



concentration of glycerol is 50%. Customers could use it as reference.

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