www.neobiolab.com
info@neobiolab.com
888.754.5670, +1 617.500.7103 United States
0800.088.5164, +44 020.8123.1558 United Kingdom

KCNIP3 Human

Description:KCNIP3 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 276 amino acids (1-256 a.a.) and having a molecular mass of 31.4kDa. The KCNIP3 is purified by proprietary chromatographic techniques.

Catalog #:PRPS-016

For research use only.

Synonyms: Calsenilin, A-type potassium channel modulatory protein 3, DRE-antagonist modulator, Kv channel-interacting protein 3, KCNIP3, CSEN, DREAM, KCHIP3, MGC18289.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MQPAKEVTKA SDGSLLGDLG HTPLSKKEGI KWQRPRLSRQ ALMRCCLVKW ILSSTAPQGS DSSDSELELS TVRHQPEGLD QLQAQTKFTK KELQSLYRGF KNECPTGLVD EDTFKLIYAQ FFPQGDATTY AHFLFNAFDA DGNGAIHFED FVVGLSILLR GTVHEKLKWA FNLYDINKDG YITKEEMLAI MKSIYDMMGR HTYPILREDA PA

Purity: Greater than 90.0% as determined by SDS-PAGE.

Formulation:
The KCNIP3 solution (1 mg/ml) contains 20mM Tris-HCl buffer(pH 8.0), 10% glycerol, 2mM DTT and 0.1M NaCl.

Stability:
KCNIP3 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
KCNIP3 belongs to a family of voltage-gated potassium (Kv) channel-interacting proteins, which belong to the recoverin branch of the EF-hand superfamily. KCNIP family members are small calcium binding proteins containing EF-hand-like domains. KCNIP3 also functions as a calcium-regulated transcriptional repressor, and interacts with presenilins. Mutations in the presenilin genes are implicated in Alzheimer's disease.

To place an order, please Click HERE.