

KCNIP3, 1-256aa, Human, His tag, E.coli

Cat.NO.: TP02715

3th Edition

Synonyms:Calsenilin, CSEN, DREAM, KCHIP3, MGC18289

Description:KCNIP3 is 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 the KCNIP family are small calcium binding proteins containing EF-hand-like domains. This protein also functions as a calcium-regulated transcriptional repressor, and interacts with presenilins.

Form:Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol2mM DTT, 0.1M NaCl.

Molecular Weight:31.4 kDa (276aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMQPAKEVTKASDGSLLGDLGHTPLSKKEGIKWQRPRLSRQALMRCCLVKWILSS
TAPQGSDSSDSELELSTVRHQPEGLDQLQAQTKFTKKELQSLYRGFKNECPTGLVDEDTFKLIYAQFFPQGDATTY
AHFLFNAFDADGNGAIHFEDFVVGLSILLRGTVEKLKWFNLYDINKDGYITKEEMLAIMKSIYDMMGRHTYPILRE
DAPAEHVERFFFEKMDRNDQDGVVTIEEFLEACQKDENIMSSMQLFENVI

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.