9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KCNIP3 Human

Kv Channel Interacting Protein 3 Human Recombinant
RCP1151

Product Overview

Name	KCNIP3 Human
Description	
Kv Channel Interacting Protein 3 Human Recombinant	
Accession (Primary)	Q9Y2W7
Synonyms	
Calsenilin, A-type potassium channel modulatory protein 3, DRE-antagonist modulator, Kv channel-interacting protein 3, KCNIP3, CSEN, DREAM, KCHIP3, MGC18289.	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The KCNIP3 solution (1 mg/ml) contains 20mM Tris-HCl buffer(pH 8.0), 10% glycerol, 2mM DTT and 0.1M NaCl.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
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 PAEHVERFFE KMDRNQDGVV TIEEFLEACQ KDENIMSSMQ LFENVI.	

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Precautions

KCNIP3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9Y2W7)