Human CSEN / calsenilin / KCNIP3 (His Tag) recombinant protein

Catalog Number: 501820

General Information

Gene Name Synonym

A-type potassium channel modulatory protein 3; DRE-antagonist modulator; Kv channel-interacting protein 3

Protein Construction

A DNA sequence encoding the human KCNIP3 (Q9Y2W7-1) (Met1-Ile256) was expressed with a polyhistidine tag at the N-terminus.

Organism

Human

Expression Host

E. coli

QC Testing

Purity

> 85 % as determined by SDS-PAGE

Endotoxin

Please contact us for more information.

Stability

Samples are stable for up to twelve months from date of receipt at -70 $^{\circ}\mathrm{C}$

Predicted N terminal

His

Molecular Mass

The recombinant human KCNIP3 consists of 271 amino acids and predicts a molecular mass of 31.1 KDa. It migrates as an approximately 29 KDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 50mM Tris, 100mM NaCl, 10% Glycerol, 1mM DTT, pH 8.0.1. 5 % trehalose and mannitol are added as protectants before lyophilization.2. Please contact us for any concerns or special requirements.

Usage Guide

Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE

Human CSEN / Calsenilin / KCNIP3 Protein (His Tag) SDS-PAGE



