# 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



