Recombinant CAC1G protein (His tag)

Catalog Number: 539483

Gene Name Synonym

Cav3.1c; NBR13; Voltage-gated calcium channel subunit alpha Cav3.1

Protein Construction

DNA encoding 235-370 aa (O43497) were fused with N-terminal 6His tag.

Organism

Human

Expression Host

E. coli

Activity

Not tested.

Purity

>85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

Endotoxin

Please contact the lab for more information.

Stability

Samples are stable for up to twelve months from date of receipt at -70℃

Molecular Mass

Predictes a molecular mass of 17.09 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 17 kDa band.

Formulation

Lyophilized from sterile PBS, pH 7.4

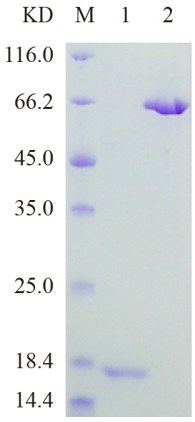
Storage

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

Reconstitution

Reconstitute at 0.25 µg/µl in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

SDS-PAGE



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M: Marker; Lane 1: CAC1G; Lane 2: BSA