

FOR IN VITRO RESEARCH USE ONLY.
NOT FOR USE IN HUMANS OR ANIMALS.

Recombinant human CAMK1G protein



Basic Information

Catalog Number:

Ag11188

Size:

50 μ g

Form:

Available lyophilized

Species:

human

Expression Source:

e coli-derived, PGEX-4T, with N-terminal GST.

Biological Activity:

Not tested

Endotoxin Level:

Please contact the lab for more information

Peptide Sequence:

MGRKEEDDCSSWKKQT T N I R K T F I F M E V L G S G A F S E V
F L V K Q R L T G K L F A L K C I K K S P A F R D S S L E N E I A V L K K I K H
E N I V T L E D I Y E S T T H Y Y L V M Q L V S G G E L F D R I L E R G V Y T
E K D A S L V I Q Q V L S A V K Y L H E N G I V H R D L K P E N L L Y L T P
E E N S K I M I T D F G L S K M E Q N G I M S T A C G T P G Y V A P E V L
A Q K P Y S K A V D C W S I G V I T Y I L L C G Y P P F Y E E T S K L F E K
I K E G Y Y E F E S P F W D D I S E S A K D F I C H L L E K D P N E R Y T C E
K A L S H P W I D G N T A L H R D I Y P S V S L Q I Q K N F A K S K W R Q
A F N A A A V V H H M R K L

(1-320 aa encoded by BC032787)

Reconstitution and Storage

Reconstitution:

Reconstitute at 0.25 μ g/ μ l in 200 μ l sterile water for short-term storage.

After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-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.

Shipping:

The product is shipped at ambient temperature.

Upon receipt, store it immediately at the recommended temperature (see below).

Purity

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

Formulation

The purified protein was Lyophilized from sterile PBS (58mM Na₂HPO₄, 17mM NaH₂PO₄, 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.

Stability and Storage

Store for up to 12 months at -20°C to -80°C as lyophilized powder.

Storage of Reconstituted Protein

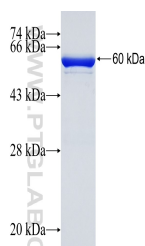
Short Term Storage:

Store at 2-8°C for (1-2 weeks).

Long Term Storage:

Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Selected Validation Data



For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.