

Human Guanylate kinase protein, His tag (active)

Cat. No. GTX67045-pro

Applications Functional Assay

Species Human

Package

10 µg

Applications

Application Note

Specific activity is > 100 units/mg and is defined as the amount of enzyme that convert 1.0 µmole of GMP and ATP to GDP and ADP per minute at pH 7.5 at 37°C in coupled system with PK/LDH.

Properties

Form Liquid

Buffer 20mM Tris-HCl, 100mM NaCl, 10% Glycerol, 1mM DTT

Preservative No preservatives

Storage Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Concentration 1 mg/ml (Please refer to the vial label for the specific concentration.)

Region/Sequence Full length protein, N-terminal His-Tag; Length: 217 a.a. Sequence: MGSSHHHHHH SSGLVPRGSH MSGPRPVLS GPSGAGKSTL LKRLQEHSG IFGFSVSHTT RNPRPGEENG KDYYFVTREV MQRDIAAGDF IEHAEFSGNL YGTSKVAVQA VQAMNRCVL DVDLQGVNRNI KATDLRPIYI SVQPPSLHVL EQRLRQRNTE TEESLVKRLA AAQADMESSEK EPGLFDVII NDSLDAQAYAE LKEALSEEIK KAQRTGA

Expression System E. coli

Purity > 90% by SDS-PAGE.

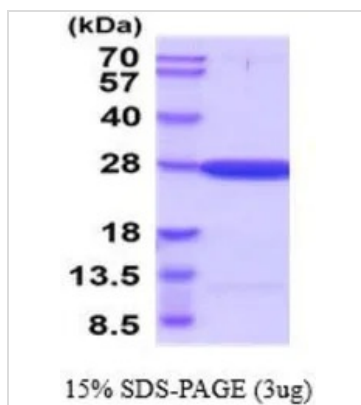
Conjugation Unconjugated

Note For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



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DATA IMAGES



GTX67045-pro Image

3 μ g of GTX67045-pro Human Guanylate kinase protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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