

Human Adenylate kinase 2 protein, His tag (active)

Cat. No. GTX66907-pro

Applications	Functional Assay
Species	Human

Package
100 µg

Applications

Application Note

Specific activity is > 25 units/mg. One unit will convert 2.0 µmoles of ADP to ATP + AMP per minute at pH 7.5 at 37°C.

Properties

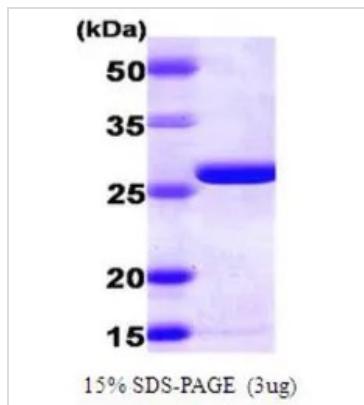
Form	Liquid
Buffer	PBS, 20% Glycerol, 2mM DTT
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Region/Sequence	Full length protein, N-terminal His-Tag; Length: 259 a.a. Sequence: MGSSHHHHHH SSGLVPRGSH MAPSVPAAEP EYPKGIRAVL LGPPGAGKGT QAPRLAENFC VCHLATGDML RAMVASGSEL GKKLKATMDA GKLVSDEMVV ELIEKNLETP LCKNGFLLDG FPRTVRQAEM LDDLMEKRKE KLDSVIEFSI PDSLLIRRIT GRLIHPKSGR SYHEEFNPPK EPMKDDITGE PLIRRSDDNE KALKIRLOQAY HTQTTPLIEY YRKRGHSAI DASQTPDVVF ASILAAFSKA TCKDLVMFI
Expression System	E. coli
Purity	> 95% by SDS-PAGE.
Endotoxin	< 1.0 EU/µg (determined by LAL method)
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



GTX66907-pro Image

3 µg of GTX66907-pro Human Adenylate kinase 2 protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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