

# Product Datasheet

## Recombinant Mouse Adenylate Kinase 1 His Protein NBP2-61200-5ug

Unit Size: 5 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 10/23/2024 v.20.1

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**NBP2-61200-5ug**

Recombinant Mouse Adenylate Kinase 1 His Protein

**Product Information**

<b>Unit Size</b>	5 ug
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Preservative</b>	No Preservative
<b>Purity</b>	>90%, by SDS-PAGE
<b>Buffer</b>	20 mM Tris-HCl buffer (pH 8.0), 10% glycerol, 1mM DTT
<b>Target Molecular Weight</b>	25.5 kDa

**Product Description**

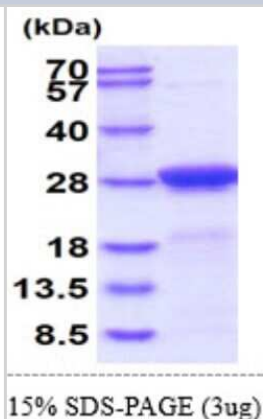
<b>Description</b>	<p>A bioactive recombinant protein with a N-Terminal His-tag and corresponding to the amino acids 1-210 of Mouse Adenylate Kinase 1</p> <p><b>Source:</b> <i>E.coli</i></p> <p><b>Amino Acid Sequence:</b> MGSSHHHHHH SSGLVPRGSH MGSMGCCVSS EPQEEGGRKT GEKLKKAKII FVVGPGSGK GTQCEKIVQK YGYTHLSTGD LLRAEVSSGS ERGKKLSAIM EKSELVPLDT VLDMLRDAML AKVDSSNGFL IDGYPREVKQ GEEFEQKIGQ PTLLLYVDAG AETMTQRLLK RGETSGRVDD NEETIKKRLE TYYNATEPVI SFYDKRGIVR KVNAEGTVDT VFSEVCTYLD SLK</p>
<b>Gene ID</b>	203
<b>Gene Symbol</b>	AK1
<b>Species</b>	Mouse
<b>Details of Functionality</b>	Specific activity is > 150 units/mg. One unit will convert 2.0 umoles of ADP to ATP + AMP per minute at pH 7.5 at 37C.

**Product Application Details**

<b>Applications</b>	SDS-Page, Enzyme Activity
<b>Recommended Dilutions</b>	SDS-Page, Enzyme Activity

**Images**

SDS-Page: Recombinant Mouse Adenylate Kinase 1 Protein [NBP2-61200] - 15 % SDS-PAGE (3ug)





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### **Products Related to NBP2-61200-5ug**

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NBP1-50855-0.1mg	Recombinant Human Adenylate Kinase 1 His Protein
2914-HT-100MG	Holo-Transferrin [Unconjugated]
NBP1-87401	Adenylate Kinase 1 Antibody
NBP1-19015	Glyoxalase I Antibody (Glo1a)

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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