

# Product Datasheet

## Recombinant *E. coli* beta-lactamase His Protein NBP2-59641-20ug

Unit Size: 20 ug

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

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**NBP2-59641-20ug**

Recombinant E. coli beta-lactamase His Protein

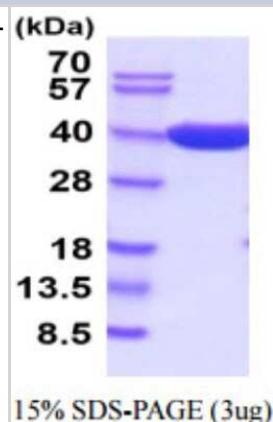
Product Information	
Unit Size	20 ug
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>95%, by SDS-PAGE
Buffer	20 mM Tris-HCl buffer (pH 8.0), 10% glycerol
Target Molecular Weight	41.8 kDa

Product Description	
Description	<p>A bioactive recombinant protein with a N-Terminal His-tag and corresponding to the amino acids 20-377 of E. coli Beta Lactamase</p> <p><b>Source:</b> <i>E.coli</i></p> <p><b>Amino Acid Sequence:</b> MGSSHHHHHH SGLVPRGSH MAPQQINDIV HRTITPLIEQ QKIPGMAVAV IYQGKPYFT WGYADIKKQ PVTQQTFLFEL GSVSKTFTGV LGGDAIARGE IKLSDPTTKY WPELTAKQWN GITLLHLATY TAGGLPLQVP DEVKSSDLL RFYQNWQPAW APGTQRLYAN SSIGLFGALA VKPSGLSFEQ AMQTRVFQPL KLNHTWINVP PAEEKNYAWG YREGKAVHVS PGALDAEAYG VKSTIEDMAR WVQSNLPLD INEKTLLQGI QLAQSRWWT GDMYQGLGWE MLDWPVNPDS IINGSDNKIA LAARPVKAIT PPTPAVRASW VHKTGATGGF GSYVAFIPEK ELGIVMLANK NYPNPARVDA AWQILNALQ</p>
Gene ID	948669
Gene Symbol	ampC
Species	E. coli
Details of Functionality	Specific activity is >700 units/mg, in which One unit will hydrolyze 1.0umole of Nitrocefin per minute at pH 7.0 at 37C

Product Application Details	
Applications	SDS-Page, Enzyme Activity
Recommended Dilutions	SDS-Page, Enzyme Activity

**Images**

SDS-Page: Recombinant E. coli Beta Lactamase Protein [NBP2-59641] - 15% SDS-PAGE (3ug)





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### **Products Related to NBP2-59641-20ug**

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NBP2-61444-1mg	Recombinant E. coli beta-lactamase Protein
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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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