

# Product Datasheet

## Recombinant *Renilla reniformis* Luciferase His (N-Term) Protein NBP2-59648-20ug

Unit Size: 20 ug

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

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**NBP2-59648-20ug**

Recombinant Renilla reniformis Luciferase His (N-Term) Protein

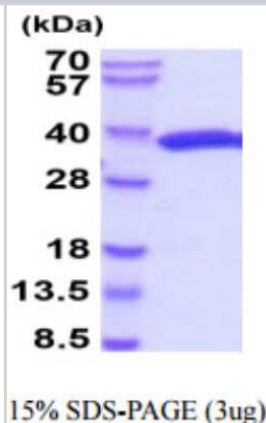
Product Information	
Unit Size	20 ug
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>95%, by SDS-PAGE
Buffer	20 mM Tris-HCl buffer (pH 8.0), 1 mM DTT, 10% glycerol
Target Molecular Weight	38.5 kDa

Product Description	
Description	<p>A recombinant protein with a N-Terminal His-tag and corresponding to the amino acids 1-311 of Renilla reniformis Luciferase</p> <p><b>Source:</b> <i>E.coli</i></p> <p><b>Amino Acid Sequence:</b> MGSSHHHHHH SGLVPRGSH MGSHTSKVY DPEQRKRMIT GPQWWARCKQ MNVLDSFINY YDSEKHAENA VIFLHGNAAS SYLWRHVVPV IEPVARCIIP DLIGMGKSGK SGNGSYRLLD HYKYLTAWFE LLNLPKKIIF VGHDWGACLA FHYSYEHQDK IKAIVHAESV VDVIESWDEW PDIEEDIALI KSEEGEKMVL ENNFFVETML PSKIMRKLEP EEFAAYLEPF KEKGEVRRPT LSWPREIPLV KGGKPDVVQI VRNYNAYLRA SDDLPMKFIE SDPGFFSNAI VEGAKKFPNT EFVKVKGLHF SQEDAPDEMG KYIKSFVERV LKNEQ</p>
Species	Renilla reniformis
Details of Functionality	Specific activity is $>1 \times 10^9$ light units/mg. One luciferase enzyme units will produce one Relative Light Unit (RLU) at pH7.5 at 25C.

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

**Images**

SDS-Page: Recombinant Firefly Luciferase Protein [NBP2-59648] - 15% SDS-PAGE (3ug)





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### **Products Related to NBP2-59648-20ug**

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NBP1-48355-0.1mg	Recombinant Firefly Luciferase His Protein
NB600-307	Luciferase Antibody (Luci 21 1-107) - BSA Free

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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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