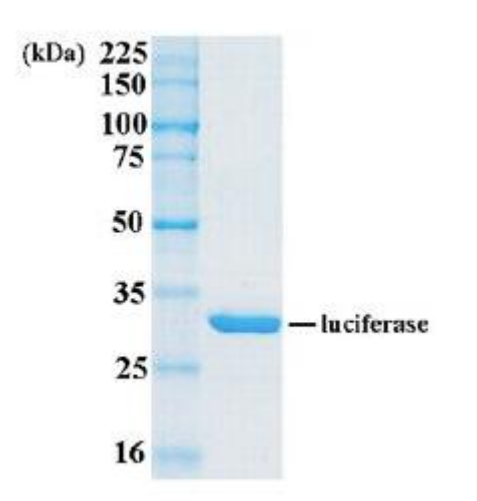
Recombinant Renilla Luciferase protein, His-tagged

Cat. No. Luciferase-09R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Renilla Luciferase fused with His tag at C-terminal was expressed in E. coli.
Species	Renilla
Source	E.coli
Description	Luciferase played an important role in many functions.
Form	Lyophilized. Renilla luciferase protein was constituted in a 0.2 μm filtered phosphate-buffered saline (1x PBS) before lyophilized.
Molecular Mass	30 kDa
Purity	>95%
Applications	ELISA, Western blotting, Dot Blotting, Immunogen, Protein Array, Function Assay, etc. Using the Renilla Lucifearse assay kit (Promega), the measured net Relative Light Unit (RLU) was approximately 5 X 10^10 RLU/μg of recombinant enzyme protein.
Storage	Upon arrival, the lyophilized protein may be stored for 2 weeks at 4 centigrade. For long term storage, it is recommended to store desiccated below -20 centigrade in a manual defrost freezer. Following reconstitution, the protein may be stored for 2 weeks under sterile conditions at -20 centigrade. For long term storage, it is

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	recommended to make appropriate aliquots and store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Reconstitution	Briefly spin the vial and bring the contents to the bottom prior to opening. It is recommended to reconstitute at 0.1~ 1 mg/mL with sterile ice-cold deionized water or 1x Phosphate Buffered Saline (PBS). This solution can then be further diluted into other aqueous buffers.
	

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