

Recombinant Renilla Luciferase Protein

Cat. No. Luciferase-01R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full-length Renilla reniformis Luciferase protein without tag was expressed in E.coli.
Species	Renilla reniformis
Source	E.coli
Description	The Green Renilla luciferase is a 36kDa protein produced by a derivative of the wild type Renilla luciferase gene from the sea pansy, Renilla reniformis. Compared to the wild type luciferase, Green Renilla is more stable in serum and has an the emission spectrum that is shifted toward the green region. The protein provides extremely bright flash signal that decays rapidly.
Form	Liquid
Molecular Mass	30 kDa
Purity	> 95%
Notes	This product is furnished for LABORATORY RESEARCH USE ONLY. Not for diagnostic or therapeutic use.
Storage	Upon arrival, the protein may be stored for 2 weeks at 4 centigrade. For long term storage, it is recommended to store at -20 centigrade or -80 centigrade in appropriate aliquots. Avoid repeated freeze-thaw cycles.

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Storage Buffer

Supplied in 1x SDS Loading Buffer (60 mM Tris-HCl, pH 6.8, 2% SDS, 10% glycerol, 5% 2-mercaptoethanol, 0.002% bromphenol blue) at the concentration of 20 ng/uL.

GENE INFORMATION

Synonyms

Renilla luciferin 2 monooxygenase; Renilla type luciferase

SDS-PAGE

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