

Recombinant Aequorea victoria Aequorin Protein

Cat. No. Aequorin-154 **Lot. No.** (See product label)

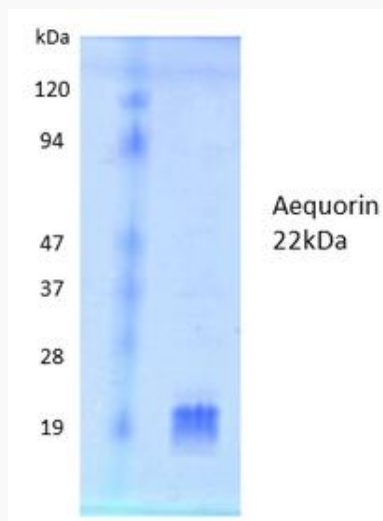
SPECIFICATION

Product Overview	Recombinant Aequorea victoria Aequorin was expressed in E. coli.
Species	Aequorea victoria
Source	E.coli
Description	Aequorin, a photoprotein originating from the jellyfish Aequorea victoria emits light in the presence of a trace amount of Ca ²⁺ without the requirement of any other cofactor. Aequorin was “charged” with unmodified (native) Coelenterazine and will emit light at 465 nm upon Ca ²⁺ contact.
AA Sequence	MTSKQYSVKLTSDFDNPRWIGRHKHMFNFLDVNHNGKISLDEMVKASDIVINNLAGA TPEQAKRHKDAVEAFFGGAGMKYGVETDWPAYIEGWKKLATDELEKYAKNEPTLIRI WGDALFDIVDKDQNGAITLDEWKAYTKAAGIIQSSDCEETFRVCDIDESGQLDVDE MTRQHLGFWYTMDPACEKLYGGAVP
Applications	positive control in Ca ²⁺ assays
Storage	The protein is shipped in liquid form at room temperature. Store at 4 centigrade for up to one month or freeze at -20 centigrade for longer time periods.
Concentration	2 mg/ml in 1.2M (NH ₄) ₂ SO ₄ , 250 µl per tube.

 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



 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