

Product Datasheet

Recombinant Firefly Luciferase (firefly) Protein NB810-74573

Unit Size: 0.5 mg

Store at -80C. Avoid freeze-thaw cycles.

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NB810-74573**Recombinant Firefly Luciferase (firefly) Protein**

Product Information	
Unit Size	0.5 mg
Concentration	12.5 mg/ml
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>95%, by SDS-PAGE
Buffer	25mM Tris-acetate, pH 7.8 (4C), 1mM EDTA, 1mM DTT, 0.2M ammonium sulfate, 15% glycerol, and 30% ethylene glycol.
Target Molecular Weight	60.75 kDa

Product Description	
Description	Recombinant Luciferase is a luciferase expressed from a cloned gene from the North American firefly (<i>Photinus pyralis</i>).
Species	Firefly
Reactivity Notes	Luciferase from Firefly.
Preparation Method	E. coli, <i>Photinus pyralis</i>

Product Application Details	
Application Notes	The light unit value is the light output generated at room temperature over a 10-second period. Light output is measured using a Turner Luminometer Model# TD-20e. Specific Activity is 2×10^{10} Light Units/mg protein.

Publications

Wahyudi H, Wang Y, McAlpine SR et al. Dimerization of a heat shock protein 90 inhibitor enhances inhibitory activity. *Org Biomol Chem*. 2013-12-10 [PMID: 24323090]





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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