

Product Datasheet

Fluorescent Exosome Standards (HT29 cell line) NBP3-41040

Unit Size: 100 ug

Store at -20C in the dark. Avoid freeze-thaw cycles.

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technical@novusbio.com

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NBP3-41040**Fluorescent Exosome Standards (HT29 cell line)**

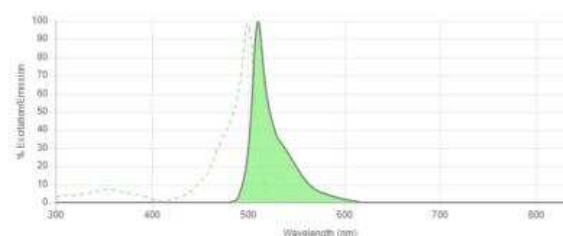
Product Information	
Unit Size	100 ug
Concentration	Please see the protocols for proper use of this product. If no protocol is available, contact technical services for assistance.
Storage	Store at -20C in the dark. Avoid freeze-thaw cycles.
Buffer	Cell culture media

Product Description	
Description	Highly pure fluorescent exosome standards with superior performance, suitable for extracellular vesicle (EV) tracking studies, flow cytometry, and electron microscopy. One vial contains 100 ug of purified exosomes (measured as total protein content; number of particles in 100 ug: $> 1 \times 10^{10}$). Fluorescent labeled exosomes are stable for approximately 6 months storage at -20C. Avoid repeated freeze-and-thaw cycles. Protect from light
Preparation Method	Exosome isolation involves a combination of ultracentrifugation and microfiltration procedures. Fluorescent exosomes are subsequently quantified and validated for overall protein content and particle number by Nanoparticles Tracking Analysis.

Product Application Details	
Applications	Electron Microscopy, Flow Cytometry
Recommended Dilutions	Flow Cytometry, Electron Microscopy
Application Notes	The excitation maximum of fluorescent exosome standards is 500 nm - 650 nm and emission maximum is 510 - 665 nm. Membrane lipid dye (penetrates into exosome membrane).

Images

Fluorescent Exosome Standards (HT29 cell line) [NBP3-41040] - Absorption and corrected fluorescence emission spectrum of conjugate excitation at 488 nm. Excitation spectrum (dotted line) and emission spectrum (solid line).





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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