FITC-equivalent VLP Control

Cat. No. CON-HM0P34

Description

Source	Recombinant FITC-equivalent VLP Control is expressed from HEK293 (It may have cross reaction with anti-His antibody).
Wavelength	Excitation Wavelength: 490 nm
	Emission Wavelength: 520 nm
Endotoxin	Less than 1 EU per μg by the LAL method.
Purity	> 95% as determined by HPLC

Formulation and Storage

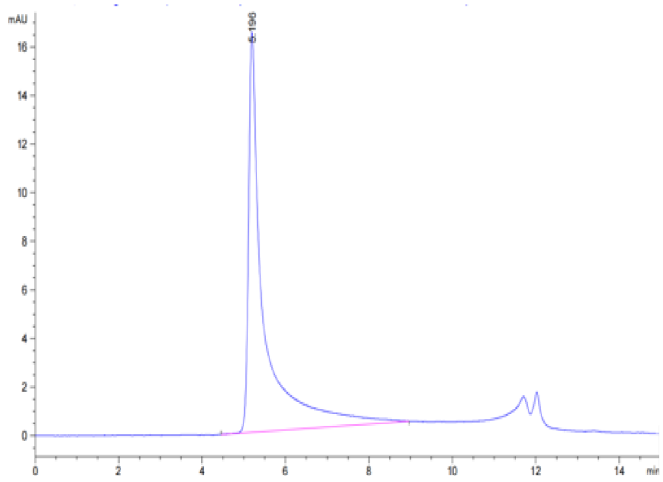
Formulation	Supplied as 0.22 μm filtered solution in PBS, 150mM L-Arginine (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

VLPs are formed by spontaneous interaction between one or more viral structural capsid proteins to form the final structure. VLPs are structurally and visually similar to live viruses but lack either a complete virus genome or lack the entire virus genome[1]. The FITC-equivalent VLP control refers to a pure viral protein particle structure that contains a fluorescent group but without the displayed proteins, which can be used as control for the activity assay of fluorescently labeled VLP display proteins.

Assay Data

SEC-HPLC



The purity of FITC-equivalent VLP Control is greater than 95% as determined by SEC-HPLC.