

Expression Host
HEK293T

Alternate Name(s)
NA

Protein Construct
CMP Isotype Control product is the null viral-like particle (VLP) formed by self-assembly of viral capsid proteins without displaying the specific target membrane protein. Expressed in HEK293T cell line.

Shipping Conditions
Frozen Dry Ice

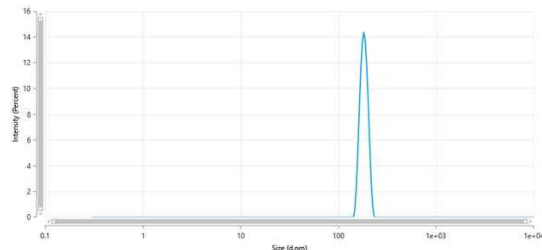
Protein Name
CMP Isotype Control

Amino Acid Range
NA

Formulation
0.2µm filtered PBS, pH 7.4

Stability & Storage
-80°C

DLS



The mean peak diameter (nm) of the CMP is 179.4 with a range of 166.6-193 with more than 95% intensity as determined by dynamic light scattering (DLS).

Background

Virus-like particles (VLPs) are nanostructures formed spontaneously by the self-assembly of viral capsid proteins. The VLPs contain viral structure proteins as an empty multi-protein shell without viral genetic materials. Due to the absence of the genetic material, VLPs are replication- and infection-incompetent. VLPs possess diverse applications in specific antigen and membrane protein presentations for therapeutics, immunization and bioassays. The null VLP doesn't contain the specific target protein and serves as the negative control for various applications.