

Human Envelop VLP Control

Cat. No. VLP-HM00C

Description

Source Recombinant Human Envelop VLP Control is expressed from HEK293. Human Envelop VLP Control is formed by self-assembly of envelop/capsid proteins from viruses, which is pure viral protein particle structure without the displayed proteins. Human Envelop VLP Control can be used as isotype control for VLPs displaying membrane proteins in various applications.

Endotoxin Less than 1EU 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 (pH 7.4).

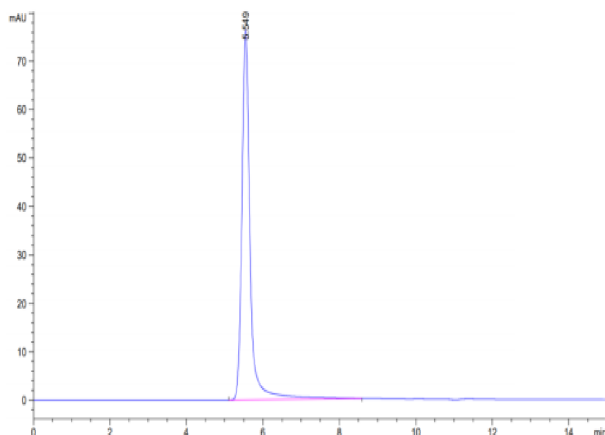
Storage Valid for 12 months from date of receipt when stored at -80°C . Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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 envelop VLP control is pure viral protein particle structure without the displayed proteins, which can be used as control for the activity assay of the envelope VLP display proteins.

Assay Data

SEC-HPLC



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