



## Synonym

endothelin receptor type A, ETA, ET-A, ETAR, ETRA, MFDA, ETA-R, hET-AR

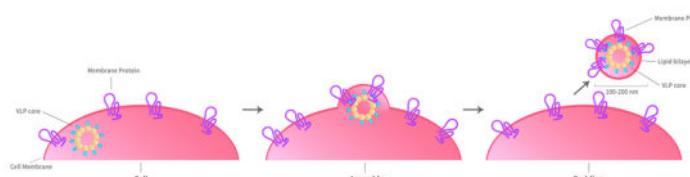
## Source

Human EDNRA Full Length Protein-VLP(EDA-H52P8) is expressed from human 293 cells (HEK293). It contains AA Asp 21 - Asn 427 (Accession # [P25101-1](#)).

Predicted N-terminus: Asp 21

## Molecular Characterization

Virus-like particles(VLPs) are formed by self-assembly of capsid proteins from viruses. Membrane Proteins can be constituted in-situ with VLPs produced from HEK293 cell cultures. These VLPs concentrate conformationally intact membrane proteins directly on the cell surface and produce soluble, high-concentration proteins perfect for immunization and antibody screening.



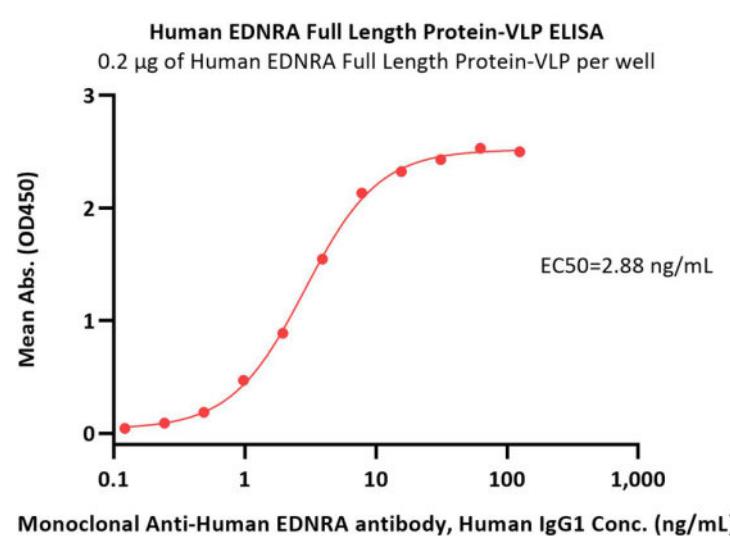
The VLPs provide the display of properly folded membrane proteins in their native cellular membrane in a compact size of 100~300 nm diameter (similar to the size of most viruses) making it optimal targets for dendritic cells *in vivo* and surface attachment for phage display.

## Endotoxin

Less than 1.0 EU per  $\mu$ g by the LAL method / rFC method.

\*The isotype control of empty/mock VLP (Cat. No. [VLP-N5213](#)) is sold separately and not included in protein, you can follow [this link](#) for product information.

## Bioactivity-ELISA



Immobilized Human EDNRA Full Length Protein-VLP (Cat. No. EDA-H52P8) at 2  $\mu$ g/mL (100  $\mu$ L/well) can bind Monoclonal Anti-

## Formulation

*The VLPs are highly immunogenic, so the immunization strategy should be optimized (antigen dose, regimen and adjuvant).*

Supplied as 0.2  $\mu$ m filtered solution in PBS, Arginine, pH7.4 with trehalose as protectant.

Contact us for customized product form or formulation.

## Shipping

*This product is supplied and shipped with dry ice, please inquire the shipping cost.*

## Storage

*Please avoid repeated freeze-thaw cycles.*

This product is stable after storage at:

- The product MUST be stored at -70°C or lower upon receipt;
- -70°C for 12 months under sterile conditions.

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# Human EDNRA Full Length Protein (VLP)

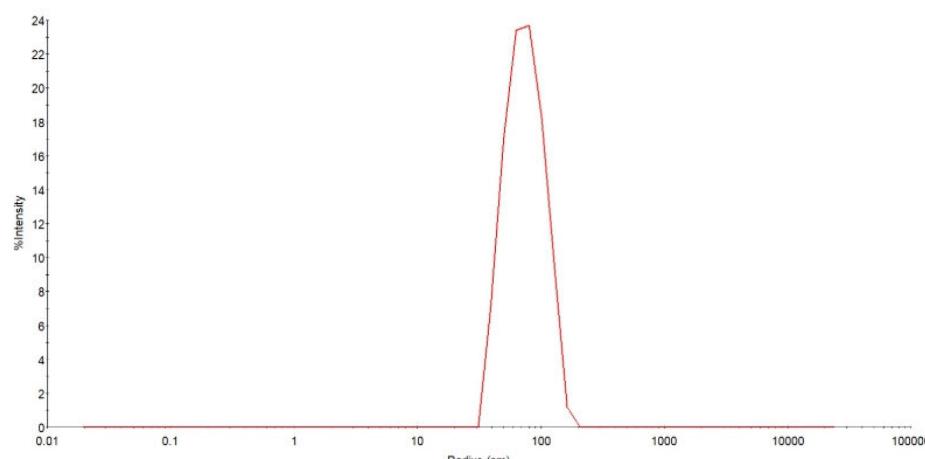
Catalog # EDA-H52P8



BIOSYSTEMS  
**Acro**  
Surprise Inside!

Human EDNRA antibody, Human IgG1 with a linear range of 0.1-8 ng/mL  
(QC tested).

## Identity-DLS



The mean peak Radius of VLP is 60-85 nm with more than 95% intensity as determined by dynamic light scattering (DLS).

## Background

This gene encodes the receptor for endothelin-1, a peptide that plays a role in potent and long-lasting vasoconstriction. This receptor associates with guanine-nucleotide-binding (G) proteins, and this coupling activates a phosphatidylinositol-calcium sec.

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