

# Human EDNRA Protein-VLP

Cat. No. EDA-HM0P111

## Description

Source	Recombinant Human EDNRA Protein-VLP is expressed from HEK293. It contains Met1-Asn427.
Accession	P25101-1
Molecular Weight	The target protein has a predicted MW of 76.3 kDa.
Endotoxin	Less than 1EU per $\mu\text{g}$ by the LAL method.

## Formulation and Storage

Formulation	Supplied as 0.22 $\mu\text{m}$ filtered solution in PBS, 150mM L-Arginine (pH 7.4). Notice: If you need it for immunization, water-soluble adjuvant is recommended.
Storage	Valid for 12 months from date of receipt when stored at $-80^{\circ}\text{C}$ . Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

## Background

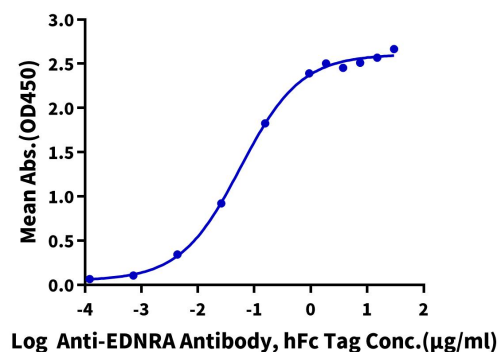
The endothelin-A receptor (Ednra) is involved in several physiological, pathological, and developmental pathways. Known for its function in vasoconstriction after being activated by endothelin-1, Ednra also controls cephalic neural crest cell development and appears to play a role in several pathologies, including cancer and periodontitis.

## Assay Data

### ELISA Data

#### Human EDNRA VLP ELISA

0.5 $\mu\text{g}$  Human EDNRA VLP Per Well



Immobilized Human EDNRA VLP at  $5\mu\text{g}/\text{ml}$  ( $100\mu\text{l}/\text{well}$ ) on the plate. Dose response curve for Anti-EDNRA Antibody, hFc Tag with the  $\text{EC}_{50}$  of  $57.0\text{ng}/\text{ml}$  determined by ELISA (QC Test).