

Human Chemerin-like receptor 1 VLP

Cat. No. CMR-HM00V

Description

Source	Human Chemerin-like receptor 1 VLP is expressed from HEK293. It contains Met1-Leu373 (It may have cross reaction with anti-His antibody).
Accession	Q99788
Molecular Weight	The target protein has a predicted MW of 45.25 kDa.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by HPLC

Formulation and Storage

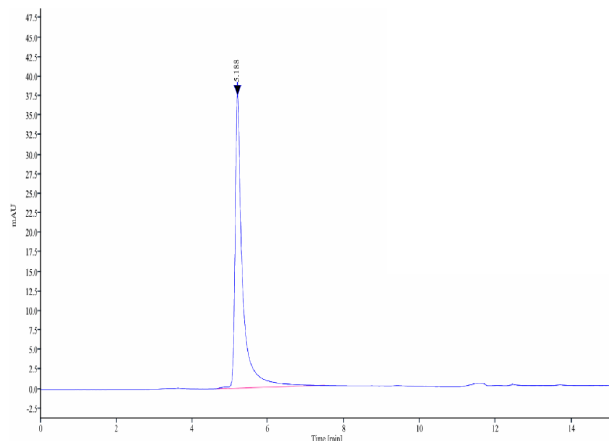
Formulation	Supplied as 0.22 µm filtered solution in PBS, 300mM L-arginine (pH 7.4). Notice: If you need it for immunization, water-soluble adjuvant is recommended.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

ChemR23, also known as the Chemokine-like Receptor 1, is a G protein-coupled receptor expressed on monocytes and macrophages, dendritic cells, and NK cells, as well as on adipocytes and endothelial cells. It binds two ligands: the peptide chemerin and the eicosapentaenoic acid-derived lipid mediator 5S,12R,18R-trihydroxy-6Z,8E,10E,14Z,16E-eicosapentaenoic acid named resolvin E1 (RvE1).

Assay Data

SEC-HPLC

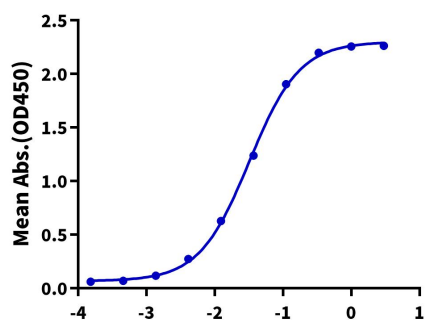


The purity of Human Chemerin-like receptor 1 VLP is greater than 95% as determined by SEC-HPLC.

ELISA Data

Human Chemerin-like receptor 1 VLP ELISA

0.5µg Human Chemerin-like receptor 1 VLP Per Well



Immobilized Human Chemerin-like receptor 1 VLP at 5µg/ml (100µl/well) on the plate. Dose response curve for Anti-Chemerin-like receptor 1 Antibody, mFc Tag with the EC50 of 32.2ng/ml determined by ELISA.