Human IL-6 Receptor (IL-6R) protein (Recombinant) (STJP000392)

STJP000392

GENERAL INFORMATION

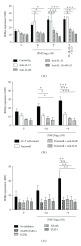
Product Type Proteins
Short Description Recombinant-Human IL-6 Receptor (IL-6R)-protein was developed from hek293. For use in research applications.
Host/Source HEK293

PRODUCT PROPERTIES

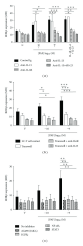
Concentration
Formulation 0.2 Mu m filtered PBS solution, pH7.2.
Purification
Dilution Range >97%, as determined by SDS-PAGE and HPLC NA
Storage Instruction Can be stored in working aliquots at 2°C-8°C C for one month, or at-20°C to-70°C for 1 year. Avoid repeated freeze/thaw cycles. NA

TARGET INFORMATION

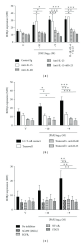
Gene ID 3570
Gene Symbol IL6R
Uniprot ID IL6RA_HUMAN
Immunogen
Sequence



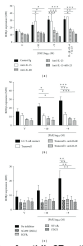
(a) Monocyte-derived LC were stimulated with either vehicle or PAF in the presence of neutralizing antibody to IL-15, IL-6R, and/or IL-23, or control Ig, and cocultured with antiCD3/CD28-activated CD4+ T cells for 5 days.



Frozen female CD34+ CBCs were supplied by Bio-Resource Center. C34+ CBCs were cultured in hematopoietic culture medium [serum-free X-Vivo10 containing 50 ng/mL IL-6, 50 ng/mL sIL-6, 50 ng/mL SCF, ten ng/mL TPO, and 20 ng/mL Flt3/4 ligand]. Reprogrammed cells were cultured in feeder-less primate ES cell medium Repro FF (, No. RCHEMD004) , ReproFF2 (ReproCELL, cat No. RCHEMD006) , mTeSR1 (catalog number 05850) or E8 (16) supplemented with five ng/mL bFGF (total bFGF ten ng/mL) on Pronectin F-coated dishes. Passage of human iPSCs was previously described



HEK293T cells were transfected with mc_mock, mc_sTNFR-Fc, or mc_anti-IL-6R and the conditioned media were collected 24äh post-transfection. A-FLS were incubated with or without human IL-6 (100ãng/mL& ,) , sIL-6 (100ãng/mLocky,) , and TNF Alpha (20ãng/mL&) for 72äh. uring the incubationA-FLS were treated with the conditioned media of HEK293T cells transfected with mc_mock, mc_sTNF-Fc, mc_anti-IL-6 or PBS (as a negative control). Cell proliferation was assessed using the cell counting kit-8 (CCK-8, ,) , according to the manufacturer NA s instructions.



To analyze the amounts of anti-IL-6R antibody and sTNFR2-Fc protein expressed by the transfected cells, the culture media of HEK293T cells transfected with the indicated minicircle vectors were analyzed by ELISA at 24â h post-transfection. The levels of sTNFR2-Fc were quantified using human sTNF-R (80ãkDa) Platinum ELISA (eBioscience, San Diego, CA) , according to the manufacturer NA s instructions. ELISA was performed to determine the levels of anti-IL-6R antibodies. Briefly, a 96-well microtiter plate was coated with commercial anti-human IL-6R antibodies (B-R6; eBioscience) at a concentration of 0. 5ã Mu g/mL in coating buffer, and incubated overnight at 4Â°C. The plate was washed five times with washing buffer, and incubated with 1ã Mu g/mL of human sIL-6R at room temperature (RT) for 1âh. After washing, the plate was incubated with blocking solution for 1âh at RT, followed by incubation with 100ã Mu L of serially diluted tocilizumab (used as a standard) , and the conditioned media from HEK293T cells were transfectedâ ;