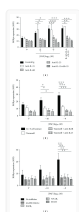
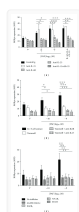


Human IL-6 Receptor (IL-6R) protein (Recombinant) (STJP000392)

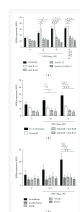
GENERAL INFORMATION		
	Product Type	Proteins
	Host / Source	HEK293
PRODUCT PROPERTIES		
	Formulation	0.2 Mu m filtered PBS solution, pH7.2.
	Molecular Weight	Recombinant IL-6 receptor (CD126) is a monomer protein consisting of357 amino acid residue subunits, due to glycosylation migrates as an approximately60-65 kDa protein on SDS-PAGE. 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 Region	ECD
ADDITIONAL INFORMATION		
	Note	STRICTLY FOR FURTHER RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



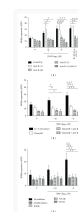
(a) Monocyte-derived LC were stimulated with either vehicle or PAF in the presence of neutralizing antibody to IL-15, IL-6R, and/or IL-23, or control Ig, and cocultured with antiCD3/CD28-activated CD4+ T cells for 5 days.



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 24 h post-transfection. A-FLS were incubated with or without human IL-6 (100 ng/mL), sIL-6 (100 ng/mL), and TNF Alpha (20 ng/mL) for 72 h. 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'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 24 h post-transfection. The levels of sTNFR2-Fc were quantified using human sTNF-R (80 kDa) Platinum ELISA (eBioscience, San Diego, CA), according to the manufacturer'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 0.5 μg/mL in coating buffer, and incubated overnight at 4°C. The plate was washed five times with washing buffer, and incubated with 1 μg/mL of human sIL-6R at room temperature (RT) for 1 h. After washing, the plate was incubated with blocking solution for 1 h at RT, followed by incubation with 100 μL of serially diluted tocilizumab (used as a standard), and the conditioned media from HEK293T cells were transfected...