

Human Soluble CD4 protein (Recombinant) (STJP000334)
STJP000334

GENERAL INFORMATION

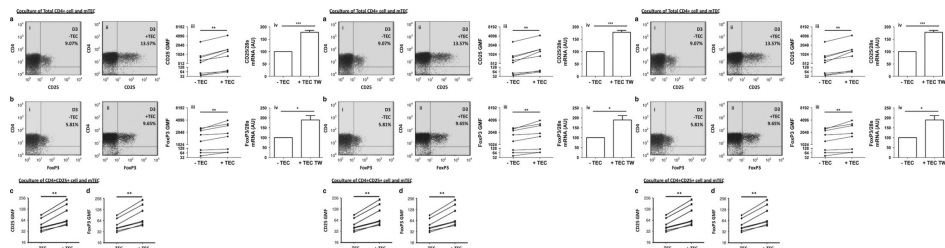
Product Type Proteins
Short Description Recombinant-Human Soluble CD4-protein was developed from hek293. For use in research applications.
Host/Source HEK293

PRODUCT PROPERTIES

Concentration
Formulation Recombinant CD4 was lyophilized from a.2 Mu m filtered solution inPBS, pH.4.
Purification
Dilution Range >90%, as determined by SDS-PAGE and HPLC
Storage The lyophilized protein is stable for at least years from date of receipt at-20°C. Upon reconstitution, this cytokine can be stored in working aliquots at 2-8°C for one month, or at-20°C for six months, with a carrier protein without detectable loss
Instruction

TARGET INFORMATION

Gene ID 920
Gene Symbol CD4
Uniprot ID CD4_HUMAN
Immunogen Sequence



The following antibodies were used for cell surface molecules expression analysis: CD11c APC, CD80 FITC, CD83 FITC, CD40 PE, CD86 PE, MHC II (HLA-DR) FITC, MHC I (HLA-AB) FITC, CD1a FITC, CD14 FITC, ILT3 PE, PD-L1 PE, TLR-2 PE, CCR5 PE, CCR7 PE, CXCR1 FITC, CXCR2 PE, CXCR4 PE, CD4 PE, CD4 PE-Cy7, IFN Gamma APC, all from eBioscience; CCR2 PerCP-Cy5.5 from BioLegend (San Diego, CA, USA) and CCR1 PE from R&D Systems (Minneapolis, MN, USA). Cells were resuspended in PBS + 10% FBS and incubated with antibodies for 45 minutes, then washed twice with PBS + 3% FBS and fixed with IC Fixation Buffer (eBioscience). GLZ PE antibody (eBioscience) was used for intracellular staining. Cells were fixed, resuspended in Permeabilization Buffer (eBioscience) and incubated with the antibody for 20 minutes, then washed twice with Permeabilization Buffer and resuspended in flow cytometry buffer for data collection. For IFN Gamma intracellular detection cells were stimulated with phorbol-12-myristate-13-acetate (PMA) (50 ng/ml) / ionomycin...

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Purified CD4+ (a and b) or CD4+CD25+ T cells (c and d) were cultured alone or with mTECs for 3 days.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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